

THE
NUMISMATIC CHRONICLE
AND
JOURNAL
OF THE
ROYAL NUMISMATIC SOCIETY

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FOURTH SERIES—VOL. XIII.



Factum abiit—monumenta manent.—Ov. Fast.

LONDON:
BERNARD QUARITCH, 7, GRAFTON ST., W.

PARIS:
MM. ROLLIN ET FEUARDENT, PLACE LOUVOIS, No. 4.

1913.

I.

THE COINS OF HIERAPOLIS IN PHRYGIA.

(See Plates I.-IV.)

THE coins described in the following pages do not form a *corpus*; but no type of any importance accessible to me has, as far as I know, been omitted. Coins with magistrates' names have, with the exception of a few examples of particular importance, been omitted from this catalogue, as have all the alliance coins. The latter have been separately discussed in the *Journ. Intern. d'Archéol. Numism.*, 1912, pp. 65 ff. The principal Apollo types which, with the coins with magistrates' names, have already been collected in *Χάρτες*, pp. 466 ff., are also omitted; finally, I have not (with a few exceptions) included the coins with an agonistic type on the reverse—the so-called games-coins—as these have been discussed by von Papen in the *Zeitschrift für Numismatik*, xxvi. 168 ff. (A few additional coins are given in the *Journ. Intern.*, *loc. cit.*) For further information on Hierapolis, its history, its cults, inscriptions, &c., the reader may be referred to the standard work on the subject, *Altstätten von Hierapolis*, edited by C. Humann, Contr. Cichorius, W. Judeich, Fr. Winter (*Jahrb. d. Archäol. Inst.*; *Ergänzungsheft*, iv.), and to the article in *Philologus*, lxi. 178 ff. (*Apollon Pythoktonos im Phryg. Hierapolis*).

The main purpose of this article is to give a complete survey of the cults existing in Hierapolis and to record the coin-types connected with them. The deities and other persons represented on the coins are therefore arranged in alphabetical order. It is as a rule the reverse types on which this arrangement is based ; since, however, similar types are also found on the obverses, particularly on the older coins of the city, a list of the types is given at the end for convenience of reference. Within the groups thus formed the individual types and their varieties are as far as possible clearly distinguished and chronologically arranged. In this arrangement I have adhered throughout to that of the *British Museum Catalogue: Phrygia*, pp. 228 ff. It will be noticed that this collection lacks a large number of types here published for the first time. This arrangement yields the same result as that of the alliance-coins, namely, that the coinage of Hierapolis was extraordinarily rich and varied ; the unusually large number of types clearly shows how prosperous the town must have been and how extensive its trade, particularly in the second and third centuries after Christ.

The following points should also be noted :—

The reverses of all the coins in one group are from the same die unless the contrary is stated.

Special attention has also been called to identity of die in the obverses of all coins, where it has been possible or seemed desirable.

A legend in brackets means that although the reading is certain, its exact division is not known.

Unless otherwise mentioned the figure on the obverse is to the right.

The following abbreviations are used :—

- $\left. \begin{array}{l} Gr. M. = \\ M. Gr. = \\ Kl. M. = \end{array} \right\} \text{Imhoof-Blumer} \left\{ \begin{array}{l} \textit{Griechische M\ddot{u}nzen.} \\ \textit{Monnaies Grecques.} \\ \textit{Kleinasiatische M\ddot{u}nzen.} \end{array} \right.$
Inv. Wadd. = *Inventaire Sommaire de la Collection Wadding-*
ton, par M. F. Babelon.
 Hunter = G. Macdonald, *Catalogue of the Greek Coins in*
the Hunterian Collection.
 Mionnet = M., *Description de Monnaies.*

I have to thank the authorities of the coin-cabinets in Athens, Berlin, Copenhagen, Dresden, Gotha, The Hague, London, Munich, Paris, St. Petersburg, and Vienna, and Dr. Imhoof-Blumer for the help so readily accorded me, without which it would have been impossible to undertake the following attempt to present for the first time with some degree of completeness the material available for the study of the coinage of Hierapolis.

I. AKTIA.

1. *Obv.*—(ΔΗΜΟΣ).

Rev.—ΙΕΡΑΠΟΛΕΙΤ Ι., Ω Ν ΝΕΩΚΟ Ρ, in field Ω Ν r., ΑΚΤΙΑ l. Athlete naked to front, head r., with r. hand placing agonistic crown on his head and holding palm in l. Border of dots.

B. M., No. 72; Copenhagen, 18 [Pl. I. 1]. On the *Ἀκτια* in Hierapolis, cf. von Papen, *Die Spiele von H.* (*Z. f. N.*, xxvi. 168 ff.). Representations of agonistic crowns are found not only on agonistic coins proper but, even more frequently, on alliance coins.

2. *Obv.*—ΣΕΥΣΤΡΩ r., ΙΟC l. Head of Zeus Troios, bound with taenia. Border of dots. Countermark, Zeus Laodikeios (?).

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝΝΕΩΚΟΡ Ω Ν; $\begin{smallmatrix} A \\ KTI \\ A \end{smallmatrix}$ in laurel wreath. Border of dots.

Berlin, 81 [Pl. I. 2] = *Kl. M.*, 13. The obverse die is the same as that of the obverse of XIV. 6.

II. APOLLO.

The principal Apollo types, that are of special local interest for Hierapolis, have already been collected in *Χάριτες*, *Fr. Leo dargebracht*, pp. 480 ff.

Another coin, in the Munich cabinet, which was unknown to me when I wrote that article, may be added here.

Obv.—Head of Apollo, laureate, hair bound in bunch behind, with loose ringlets hanging down neck.

Rev.—ΙΕΡΟ r., ΠΟΛΙΤΩΝ l. Tripod, M above on r.

This piece closely resembles the two described on p. 481, c, but is not from the same die and is of decidedly later style than they. The symbol is the same as on p. 480, 1a, which likewise bears archaic types. Only types with purely conventional portraits of the god are collected here, for the striking wealth in types clearly shows that Apollo as the city-god was held in particular reverence in Hierapolis.

1. *Obv.*—Head of Zeus, laureate.

Rev.—ΙΕΡΟ r., ΠΟΛΙΤΩΝ l., in straight lines. A(pollo) K(itharoidos), in long chiton and mantle, standing r., holding lyre in l. arm and plektron in r.
B. M., 8 (Pl. xxix. 3); Berlin, 7.

2. *Obv.*—Similar.


Rev.—ΙΕΡΟΠΟ r., ΛΙΤΩΝ l., in straight lines. A. K., monograms in front of and behind the god; similar to B. M., 4, 5 (?).

Inv. *Wadd.*, 6085 (Pl. xvi. 15) [Pl. I. 3].
Variant of B. M., 8.

The obverses of 1 and 2 are similar but not from the same die. Both types belong to the earliest issues of

the town; type 2 is perhaps a little later in style than 1 and intermediate between the latter and the coins of the following types.

3. *Obv.*—Similar.

Rev.—ΙΕΡΟΠ[Ο] r., ΑΙΤΩΝ l., in straight lines. A. K.; behind .

Copenhagen, 3; variant of B. M., 8; the monogram of magistrate's name as in B. M., 1.

4. *Obv.*—Similar.

Rev.—ΙΕΡΟΠΟΛΕΙ (!) [ΤΩΝ] l., ΔΟΥΚΑΝ[ΟΣ] r., in straight lines. A. K.

Inv. Wadd., 6086; Berlin, 5 [Pl. I. 4]; Berlin, 6 (they are = *Gr. M.*, 738, 690; Pl. xii. 19).

The obverses of types 3 and 4 are from the same dies; their style is decidedly later than that of the obverses of the preceding coins. The reverse of *Inv. Wadd.*, 6086, and Berlin, 5, are from the same die; the reverse of Berlin, 6, is similar to them, but not from the same die. The lyre frequently appears alone on the coins of this city, particularly on those of Augustus: B. M., 97, 107–109; Berlin, 5 specimens (cf. *Kl. M.*, 25; *Gr. M.*, 739, 694a); Paris, 583 (= Mionnet, iv. 608); *Inv. Wadd.*, 6141; Gotha. Cf. also Mionnet, *Suppl.*, vii. 384.

Among the coins with the lyre on the reverse, one, in Dr. Imhoof-Blumer's present collection, merits special mention.

Obv.—ΤΙΒΕΡΙΟΣ r., ΚΑΙΣΑΡ l. Head of Tiberius.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ ΜΕΝΑΝΔΡΟΣ; lyre; in field, 7E.

This coin adds a new name to the list of magistrates in the reign of Tiberius, given in *Χάριτες*, p. 488. The

name is of frequent occurrence in the inscriptions of the town.

5. *Obv.*—AAIPBHNO r., C below. Bust of Lairbenos,¹ radiate, with shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. A. K. Border of dots.

B. M., 54; *Inv. Wadd.*, 6107 (Pl. xvi. 20)
[Pl. I. 5]; Berlin, 66.

¹ As the *British Museum Catalogue* and Imhoof's *Kleinasiatische Münzen* show, Hierapolis is the only Phrygian city at which this Lairbenos appears; but here he is represented on a considerable number of coins. These have already been collected in the *Journ. Intern.*, xiv. (1912), p. 77. As in making a more thorough study of all the coins of this city I have found several more types, I append them here for completeness. Six different types may be distinguished.

1. AAIPBHNO r., C l. (II. 5). B. M., 54; *Inv. Wadd.*, 6107; Berlin, 66 (cf. Pl. I. 5).
2. AAIPBHNO r. (IX. 1). Berlin, 65; Vienna, 19868 (cf. Pl. II. 22).
3. AAIPBHN r., OC l. (IX. 2). Gotha.
4. AAIP l., BHNO r. (XVI. 1-4). B. M., 57 (Pl. xxx. 6), 58; Paris, 570, 571; Berlin, 67; Imhoof, present collection = *Kl. M.*, 8; Vienna, 19867, 27707 (cf. Pl. III. 38).
5. AAIP l., BHNO r. (II. 6, 7; XXVIII. 7; XXX. 1-2). B. M., 60-61; Berlin, 69, 71, 72, 78 (Pythia), 79, 80 (Aktia); Paris, 572; Munich, 3 (Aktia), 4 (Pythia); *Inv. Wadd.*, 6108, 6109, 6111 (Aktia); Vienna, 30614, 31396; Athens, 5905^b (cf. Pl. IV. 62, 66).
6. AAIP l., BHNO r. (XVI. 5-7; XXI. 9; XXX. 3). All the alliance-coins with the type of L.; also B. M., 59, 62-64; Berlin, 68, 73 (cf. *Xpupes*, p. 484, 8), 75-77; Paris, 569, 571a; *Inv. Wadd.*, 6110 (Pythia); Vienna, 19869, 30824, 30849; Athens, 19 (Pythia); Copenhagen, 62 (?); Munich, 5; Gotha (cf. B. M., Pl. lii. 3; *Journ. Intern. d'Archéol. Num.*, xiv. 1912, Pl. I'. 20).

The head of L. also appears above on the coins of H. as a counter-mark, e.g. Munich, 12 (Claudius), 12a (Nero); there are presumably other specimens in existence.

Of these six varieties, 1-3 are of markedly better style, and may be ascribed to the period before Caracalla (cf. B. M., 56); 4 is later than the specimens of 3; 6 may with certainty be placed to the period of Philip, and 5 to the period before Philip. It differs distinctly from the latest type, and points to greater skill on the part of the die-cutters. The remarkable outburst of deities peculiar to Asia Minor on the coins of Hierapolis at so late a period (besides Lairbenos there is the so-called

6. *Obv.*—ΛΑΙΡ l., ΒΗΝΟC r. Bust of Lairbenos, radiate, with shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚΟΡΩΝ r. A. K. Border of dots.

B. M., 60; Berlin, 71, 72; Vienna, 30614.

7. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚΟΡ r.; ΩΝ in field r. A. K. Border of dots.

Paris, 572 (= Mionnet, iv. 590); variant of B. M., 61. The obverses of Nos. 6 and 7 are from the same die and belong to the period before Philip.

8. *Obv.*—(ΔΗΜΟC).

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. A. K. Border of dots. Copenhagen, 17.

9. *Obv.*—(ΔΗΜΟC).

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. A. K. Border of dots.

Inv. Wadd., 6118. Nos. 8 and 9 correspond to B. M., 67, 68.

10. *Obv.*—ΔΗΜΟC r. Head of youthful Demos laureate. Border of dots.

Rev.—ΙΕΡΑ r., ΠΟΛΕΙΤΩΝ l. A. K. Border of dots.

Copenhagen, 15 [Pl. I. 6]; Berlin, 90, 91 (very similar but not from the same reverse die as the two preceding coins). The obverses of all three are, on the other hand, from the same die.

11. *Obv.*—(ΔΗΜΟC).

Rev.—ΙΕΡΑΠΟ l., Λ Ε ΙΤΩΝ r. A. K. Border of dots.

Gotha. Nos. 10 and 11 are variants of B. M., 67, 68.

Hero with the double axe and Men), is explained by the fact that the cult of these deities spread considerably in Imperial times.

On Lairbenos, cf. *Philolog.*, lxi. 190 ff. A representation of Helios which is remarkably similar to the Lairbenos on a coin of Tripolis on the Maiandros: B. M., Lydia, 53 (Pl. xl. 6).

12. *Obv.*—ΙΕΡΑΣΥ Ι., ΝΚΛΗΤΟΣ ρ. Young male bust of the Senate, bareheaded, with shoulders draped. Border of dots.
Rev.—ΙΕΡΑΠΟΛΕΙ Ι., ΤΩΝΝΕΩΚΟ ρ., in field ΡΩ Ι., Ν ρ. A. K. Border of dots.
 B. M., 85; Berlin, 70.
13. *Obv.*—ΒΟΥΛΗ in a straight line on ρ.; veiled bust of Boule with stephane.
Rev.—[Ι]ΕΡΑΠΟΛΕΙ Ι., ΤΩΝ ρ., in straight lines. A. K. Berlin, 12 = *Kl. M.*, 4; with the obverse, cf. XXIII. 1.
14. *Obv.*—(ΙΕ ΒΟΥΛΗ).
Rev.—ΙΕΡΑΠΟ Ι., Λ Ε ΙΤΩΝ ρ. A. K. Border of dots.
Inv. Wadd., 6125.
15. *Obv.*—ΑΥΚΑΙΝΕΡΤΡΑΙ Ι., ΑΝΟCCΕΒΓΕΡΔΑΚΙΚΟΣ ρ. Head of Trajan, laureate. Border of dots.
Rev.—ΙΕΡΑ ρ., ΠΟΛΕΙΤΩΝ Ι. A. K. Border of dots.
 Imhoof-Blumer (present collection) = do.
Zur. gr. u. rom. Münzk., p. 152, 7 [*Pl. I.* 7]; Vienna, 32411.
16. *Obv.*—Antoninus Pius.
Rev.—ΙΕΡΑ ρ., ΠΟΛΕΙΤΩΝ Ι. A. K. Border of dots.
 B. M., 134; Paris, 597; *Inv. Wadd.*, 6153, 6154; Vienna, 32810.
17. *Obv.*—Antoninus Pius.
Rev.—ΙΕΡΑΠΟ ρ., ΛΕΙΤΩΝ Ι. A. K. Border of dots.
 Berlin 154, 155. Variants of B. M. 135 (*Pl. xxxi.* 15).
18. *Obv.*—Otacilia Severa.
Rev.—ΙΕΡΑΠΟ Ι., ΛΕΙΤΩΝ ρ. A. K. Behind the god a laurel tree. Border of dots.
 Paris, 608 (= *Mionnet*, iv. 645). This belongs to the group of coins described in *Χάριτες*, p. 484, 8, where the obverse is erroneously described as *Lairbenos*.

19. *Obv.*—Philippus Junior.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. A. K. Behind the god a laurel-tree.

Copenhagen, 53; similar to the coins described in *Xárites*, p. 484, 8.

20. *Obv.*—Philippus Junior.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝ r. A. K. Without laurel-tree.

Inv. Wadd., 6181 [Pl. I. 8].

IIA. ARES.

Obv.—(ΘΕΟΝ CYNKAHTON). Senate.

Rev.—ΙΕΡΑΠΟ r., ΛΙΤΩΝ l. In straight lines; T. A. ΜΑΙΑΝΔΡΙΟ[Σ] r. outside. Ares with short chiton, cuirass and helmet, standing to l., holding a figure of Nike Stephanephoros in outstretched r. hand, and l. on spear.

Inv. Wadd., 6127 [Pl. I. 9]. The legend of the obverse has not been found on any other specimen of the coins of Hierapolis; but as the reverse legend shows there can be no question of the attribution of the coin to Hierapolis.

III. ARTEMIS.

1. *Obv.*—Head of young Dionysos, crowned with ivy; thyrsos in front.

Rev.—ΙΕΡΑΠΟ l., Α ΕΙΤΩΝ r. Artemis wearing short chiton and fluttering mantle, standing r., holding bow in outstretched l. hand and drawing arrow from quiver with r.

Berlin, 63; Paris, 566 [Pl. I. 10]; Vienna, 30834.

To the north-east of Hierapolis lies a considerable stretch of high ground, which, now quite bare, must have

been thickly wooded in ancient times and been an excellent hunting ground.

1A. *Obv.*—ΑΡΧΗΓΕΤΗΣ. Tête radiée d'Apollon.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ. Diane chasseresse debout, à gauche, prenant de la main droite une flèche dans son carquois pendu derrière le dos, et tenant un arc de la gauche.

Mionnet, *Suppl.*, vii. 381, from Sestini, *Descr. di altre Med. gr. del Mus. Fohr.*, pars iii. p. 78, No. 1.

2. *Obv.*—ΑΡΧΗΓΕ r., ΤΗΣ l. Bust of Apollo Archegetes, with lyre at breast, shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Cultus-statue of A(rtemis) E(phesia), standing to front, with usual supports, between two stags, looking up. Border of dots.

B. M., 34 (Pl. xxix. 10); *Inv. Wadd.*, 6103; cf. Mionnet, *Suppl.*, vii. 380.

3. *Obv.*—Trajanus.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. A. E.

Paris, 595 = Mionnet, *Suppl.*, vii. 387; St. Petersburg (the reverses of these two coins are from the same die); B. M., 130; Berlin, 152 (these reverses from the same die?); Vienna, 27708; 19875; cf. also Mionnet, iv. 617).

4. *Obv.*—M. Aurelius.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. A. E., with taenia hanging from her hands.

Inv. Wadd., 6155.

5. *Obv.*—Faustina Junior.

Rev.—ΙΕΡΟΠΟ l., ΛΕΙΤΩΝ r. A. E., with taenia hanging from her hands.

Copenhagen, 42 [Pl. I. 11].

6. *Obv.*—Otacilia Severa.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. A. E. between two stags, looking up. Border of dots.

B. M., 150 (Pl. xxxii. 3), 151; Copenhagen, 59.

7. *Obv.*—Philippus Junior.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. A. E. between two stags, looking up. Border of dots.

Berlin, 196-198; Paris, 612 = Mionnet, iv. 648; cf. also Mionnet, iv. 641 (*obv.* Philippus I.[?]).

IV. ASKLEPIOS (HYGIEIA).

1. *Obv.*—Bust of Asklepios, with serpent-staff at breast. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕ l., ΤΩΝ r. Winged Nemesis standing l. with r. hand holding a piece of her garment at her breast, and in lowered l. bridle. Border of dots.

B. M., 16 (Pl. xxix. 6), 17; Berlin, 50; *Inv. Wadd.*, 6092; Hunter, 3 (ΙΕΡΑΠΟ/ΛΕΙΤΩΝ) = Mionnet, *Suppl.*, vii. 365, is a variant of this type.

2. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕΙ l., ΤΩΝ r. Similar. Border of dots.

Berlin, 49 = *M. Gr.*, 400, 106 [Pl. I. 12]. Variant of B. M., 16, 17.

3. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕ l., Ι Τ Ω Ν r. Similar. Border of dots.

Copenhagen, 5. The obverses of the last three types are from the same die; the reverses of 1-3 are not from the same dies as any of XXI. Museo Nazionale (Naples), i. 8620, is another specimen of 1-3.

4. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Hygieia standing r., feeding a serpent. Border of dots.

Berlin, 39 [Pl. I. 13]; Athens 5906^m; *Inv. Wadd.*, 6093; Vienna, 27459; the Hague. The obverses from the same dies as those of the preceding types. Cf. B. M., 50.

5. *Obv.*—Head of bearded Herakles, with club on shoulder. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Asklepios and Hygieia standing face to face; Asklepios to front, head l., upper part of body naked, r. hand on serpent-staff, l. concealed. Hygieia, standing r., feeding a serpent in l. hand. Border of dots.

B. M., 51 (Pl. xxx. 5); Berlin, 25 [Pl. I. 14]; Munich, 17; Copenhagen, 58; Vienna, 19866, 29117; Hunter, 1; cf. also Mionnet, iv. 582; Leake, p. 66.

6. *Obv.*—[Ι]ΕΡΟΠΟ l.,? r. Head of city goddess, with high turreted crown.

Rev.—Inscription illegible. Asklepios and Hygieia as before.

Copenhagen, 21 (= Ramus, 3). The coin perhaps belongs to Hieropolis in Phrygia.

7. *Obv.*—Head of youthful Dionysos, crowned with ivy (thyrsos before breast?).

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Asklepios and Hygieia as before.

Berlin, 64; *Inv. Wadd.*, 6098. Cf. B. M., 51. The reverses are similar to those of No. 5, but not from the same die: cf. B. M., 51.

8. *Obv.*—Crispina.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Asklepios standing to front, head l., upper part of body nude, leaning r. hand on serpent-staff, and l. hand concealed. Border of dots.

Berlin, 163 [Pl. I. 15].

9. *Obv.*—ΝΕΩ l., ΚΟΡΩΝ r. Turreted bust of city goddess, shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟΛ l., ΝΕΩΚΟ r., in field, ΕΙΤΩΝ l., ΡΩΝ r., coiling bearded serpent. Border of dots.

Paris, 575^u [Pl. I. 16]; Imhoof-Blumer (present collection). On the error in the obverse, cf. *Philolog.*, lxi. 250; on the serpent of Asklepios, cf. *Σάπιτες*, p. 484, note.

10. *Obv.*—Elagabalus.

Rev.—ΙΕΡΑΠΟ ΛΕΙΤΩΝ l. and r.; in field ΕΩΚ l., ΟΡΩ r.; N in exergue. Similar. Border of dots.

Inv. Wadd., 6165.

The hot springs, whose waters had medicinal powers, that welled up in the cavern at Hierapolis, as well as the great baths of the city itself, explain the large number of coins with representations of these two deities.

V. ATHENA.

1. *Obv.*—Bust of Athena, wearing crested Corinthian helmet and aegis on breast. Border of dots.

Rev.—ΙΕΡΑΠ r., ΟΛΕΙΤΩΝ l. Nemesis standing l. with r. hand plucking chiton from her breast, and holding bridle in lowered l. hand. Border of dots.

B. M., 12 (Pl. xxix. 5); Berlin, 54; *Inv. Wadd.*, 6095 (Pl. xvi. 18).

2. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. Nemesis, as preceding. Border of dots.

B. M., 13-15; Berlin, 55; Paris, 564 = Mionnet, iv. 583; Athens; Munich, 6, 9; Copenhagen, 7, 8; Vienna, 19856, 28687, 30890; Hunter, 6; Gotha, three specimens. (Cf. Mionnet, *Suppl.*, vii. 361-362.) The obverses of Nos. 1 and 2 are from the same die.

2A. *Obv.*—Bust of Athena l., wearing crested Corinthian helmet and aegis on breast.

Rev.—ΙΕΡΑΠΟΛ r., ΕΙΤΩΝ l. Zeus Laodikeios, standing l., holding eagle in r. hand, and resting l. on sceptre.

Hunter, 5 = Mionnet, *Suppl.*, vii. 360. Type XXVI. 4 (*obv.* Sarapis) is a variant of this coin.

3. *Obv.*—Head of Athena, in round Athenian helmet with stephane and three crests. • Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ l. Hermes, naked, standing to front, head l., holding purse in r. hand and caduceus and chlamys in l. Border of dots.

B. M., 21; Copenhagen, 65; *Kl. M.*, 2 (Pl. vii. 28); Vienna, 32914. Belongs to the period between Domitian and Antoninus Pius.

4. *Obv.*—Bust of Athena l., wearing crested Corinthian helmet and aegis on breast. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ l. Similar. Border of dots.

B. M., 49; Berlin, 56, 57; Paris, 563a; Vienna, 19855. Obverses from the same die. The reverses of the three last specimens are similar to Berlin, 56, but not from the same die.

5. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΑΕΙΤΩΝ r. Similar. Border of dots.

Berlin, 58; *Inv. Wadd.*, 6094; Copenhagen, 9; Munich, 18; Gotha; variants of B. M., 49. The obverse similar to the preceding, but not from the same die.

6. *Obv.*—Bust of young Herakles, with club at shoulder, and lion skin knotted round neck. Border of dots.

Rev.—ΙΕΡΑΠΟΛ r., ΕΙΤΩΝ l. Athena helmeted, advancing, wielding spear in uplifted r. hand, and round shield on l. arm. Border of dots.

Berlin, 37 [Pl. I. 17]; variant of B. M., 24.

7. *Obv.* Bust of young Hermes, with caduceus; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠ l., ΟΛΕΙΤΩΝ r. Athena Promachos. Similar. Border of dots.

Inv. Wadd., 6097 [Pl. I. 18]; Berlin, 38.

8. *Obv.*—Trajan (?).

Rev.—ΙΕ[Ρ]ΑΠΟ r., [ΟΛΕΙΤΩΝ] l. Helmeted Athena standing r., holding a statuette of Nike Stephane-phoros in r. hand, and leaning l. on spear.

Athens, 5905*b*: B. M., 132, a coin of Hadrian, differs slightly from this.

9. *Obv.*—ΙΕΡΑCY l., ΝΚΛΗΤΟC r. Young bust of the Senate, with shoulders draped.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚΟ r., ΡΩΝ in field l. Helmeted Athena, in long chiton, standing l., in r. hand phiale, and l. hand on spear against which leans shield. Border of dots.

Vienna, 28160, 29994; Munich, 13. B. M., 128 (Pl. xxxi. 13), a coin of Trajan, differs from this purely conventional representation, which occurs frequently on Phrygian coins.

10. *Obv.*—ΙΕΡΑCYN r., ΚΛΗΤΟC l. Young bust of the Senate, shoulders draped.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. Athena standing r., r. hand on spear, and l. on shield. Naked Hermes l., facing her, holding purse in r. and caduceus and chlamys in l. Border of dots.

Athens, 5905*a* = *Kl. M.*, 6; Imhoof, present collection = do., *Zur griech. u. röm. Münzk.*, p. 151, 3; Pl. vi. 17 [Pl. II. 19]. The coin belongs to the time of Trajan (cf. Imhoof, *Kl. M.*, 6). The reverses of the two coins are from the same die as the following type (*obv.* Trajan).

11. *Obv.*—Trajan.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ l. Similar.

B. M., 129 (Pl. xxxi. 14); *Inv. Wadd.*, 6151.

12. *Obv.*—M. Aurelius as Caesar.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ l. Athena standing r., r. hand on spear and l. hand on the shield. Naked Hermes l., facing her, holding a purse in r. hand and caduceus and chlamys in l. Border of dots.

Berlin, 157; *Inv. Wadd.*, 6156. Their reverses are similar, but not from the same dies as 10 and 11.

13. *Obv.*—M. Aurelius as Caesar.

Rev.—ΙΕΡΑΠΟ above, ΑΕΙΤΩΝ below, XPVCOΠOAC in exergue. Athena standing r., leaning r. hand on spear and l. on shield; facing her, standing to l., naked Hermes, holding purse in r. hand and caduceus and chlamys in l.; between them the bearded (?) river-god Chrysoroas lying on ground to l., upper half of body naked, holding in r. hand poppy (?), and leaning l. elbow on an over-turned vase, from which water flows. Border of dots.

Berlin, 156 [Pl. II. 20].

Athena and Hermes appear on these coins as the protectors of the very extensive commerce of Hierapolis.

VI. BULL.

Obv.—Bust of Apollo Lairbenos, radiate; shoulders draped.

Rev.—ΙΕΡΑΠΟΛΑ above, ΕΙ r., ΤΩΝ in exergue. Bull advancing r.

Berlin, 31 [Pl. IV. 59]; *Inv. Wadd.*, 6106. The type of the bull is no doubt

connected with the bull-sacrifice, the so-called Taurobolia, which was celebrated at the cavern of Hierapolis in honour of Kybele; cf. *Philolog.*, lxi. 187.

VII. BULL'S HEAD.

1. *Obv.*—Bust of Apollo Lairbenos, radiate; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ ρ., ΑΕΙΤΩΝ l. Bull's head facing, above it a large crescent, above which are two stars joined by a vertical line. Border of dots.

Imhoof-Blumer (present collection) [Pl. IV. 60] = do., *Zur gr. u. röm. Münzk.*, p. 151, 2; Berlin, 32 = *M. Gr.*, 401, 109 (with note); cf. also *op. cit.* and *Philolog.*, lxi. 194.

2. *Obv.*—Head of young Herakles, with lion's skin.

Rev.—ΙΕΡΑΠΟ ρ., ΑΕΙΤΩΝ l. Similar.

Inv. Wadd., 6186. The reverse is not from the same die as the reverses of the two preceding coins. The type is similar to that of the two coins of Hierapolis, B. M., 1; *Kl. M.*, 8, 244, 1 (but belonging to Hierapolis). To this type probably belongs also the coin in Mionnet, iv. 620 (from Vaillant, *Num. gr.*). *Obv.* ANTINOON ΘΕON. Buste d'Antinous. *Rev.* ΙΕΡΑΠΟΛΙC. Croissant avec une étoile. The description, however, is quite inaccurate. The bull's-head type is probably connected with Men; cf. *Philolog.*, lxi. 194.

VIII. CHRYSOROAS.

1. *Obv.*—ΔΗΜΟC. Bust of young Demos, bareheaded (?). Border of dots.

Rev.—ΙΕΡΑΠΟΛΙ(!) Τ Ω Ν above, ΧΡΥCΟ/ΡΟΑC in exergue. Bearded river-god Chrysoroas, with upper half of body naked lying l. on ground, holding in r. hand, which rests on knee, poppy, leaning l.

arm on inverted vase from which water flows.
Border of dots.

B. M., 43; Gotha. The reading of the reverse is confirmed by the Gotha specimen.

2. *Obv.*—ΔΗΜΟC r. Bust of young Demos, bareheaded (?); shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟΛΙ (?) ΤΩΝ above, ΧΡΥCΟΡΟ/ΑC in exergue. Similar bearded (?) river-god Chrysoroas. Border of dots.

Berlin, 85; Paris, 576 = Mionnet, iv. 595.
Variants of B. M., 43.

3. *Obv.*—ΔΗ r., ΜΟC l. Bust of bearded Demos, bareheaded; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ, in exergue ΧΡΥCΟ/ΡΟΑC. Bearded river-god Chrysoroas as before. Border of dots.

Berlin, 86; Munich, 8. Variants of B. M., 44 (Pl. xxx. 3), 45.

- 3A. *Obv.*—ΔΗΜΟC r. Similar. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕ [Ι]ΤΩΝ, in exergue ΧΡΥCΟ/ΡΟΑC. Similar. Border of dots.

Vienna, 32913.

4. *Obv.*—(ΔΗΜΟC).

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ, in exergue ΝΕΩΚΟΡ/ΩΝ. Similar. Border of dots.

Copenhagen, 16. Variant of B. M., 70.

5. *Obv.*—ΙΕΡΑΠΟΛΕΙ l., ΤΩΝ r. Bust of Artemis l., with quiver and bow; shoulders draped. Border of dots.

Rev.—ΧΡΥCΟ/ΡΟΑC in exergue. Similar. Border of dots.

Imhoof, present collection (Pl. II. 21]; Berlin, 61, 62 (cf. *M. Gr.*, 403, 111); *Inv. Wadd.*, 6100.

6. *Obv.*—Caracalla (Elagabalus?).

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩ r., N in field l., ΝΕΩΚΟΡ/ΩΝ in exergue. Similar. Border of dots.

B. M., 142 (cf. 141); Berlin, 177, 178 (= *Kl. M.*, 33).

7. *Obv.*—Gordianus.

Rev.—ΙΕΡΑ l., ΠΟ Λ r., ΕΙΤΩΝ in exergue. River-god Chrysoroas, as before; cornucopiae in l. arm which rests on vase. Border of dots.

Berlin, 183; the only coin of Hierapolis that has as yet been found with the portrait of Gordianus.

The Chrysoroas was most probably a mountain stream flowing to north of Hierapolis. As the name shows, its sands must have contained gold. On games on the Chrysoroas, cf. von Papen, *loc. cit.*

IX. DEMETER.

1. *Obv.*—ΛΑΙΡΒΗΝΟC r. Bust of Lairbenos radiate; shoulders draped. Border of dots.

Rev.—[ΙΕΡ]ΑΠΟΛ[ΕΙ]ΤΩΝ r. Demeter, in biga, going to r., holding flaming torch in each hand.

Berlin, 65 = *M. Gr.*, 401, 107 [**Pl. II. 22**], described by Imhoof-Blumer, *loc. cit.*, as Seleene. A second specimen (*rev.* worn smooth) is Vienna, 19868. The type of the reverse is certain, as this variety of Lairbenos is only once found on the obverse of coins of Hierapolis. The reproduction of the obverse is from the Vienna specimen.

2. *Obv.*—ΛΑΙΡΒΗΝ r., ΟC l. Bust of Lairbenos radiate; shoulders draped. Border of dots.

Rev.—ΙΕ[ΡΑΠΟΛΕΙΤΩΝ] Above and on r. Demeter, as before. Border of dots.

Gotha. The attribution of the coin to Hierapolis is confirmed by the obverse type. This type of Demeter is rare; at least the *B. M. Cat.* has not another in Phrygia, nor can Imhoof

quote another for Asia Minor. There are two similar types of Selene (or Hekate) at Hierapolis (B. M., 55, 56). As the goddess is represented on these two coins with the crescent on her shoulders, she cannot be Demeter, nor can the coins be from the same die. The two goddesses, however, are represented as very similar to one another.

3. *Obv.*—Bust of young Dionysos, crowned with ivy, shoulders draped; thyrsos in front. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Demeter standing l., holding ear of corn in r. hand, and leaning l. on torch. Border of dots.

Gotha = Mionnet, *Suppl.*, vii. 367; cf. *Kl. M.*, 3.

4. *Obv.*—(ΙΕΡΑ CYNKΛΗΤΟΣ.)

Rev.—ΙΕΡΑΠΟΛΑ r., ΕΙΤΩΝ l. Demeter, as before, with veil. Border of dots.

Inv. Wadd., 6128; Copenhagen, 25 (= Ramus, 6); cf. also Mionnet, iv. 599. The reverse legend of a similar coin (*Suppl.*, vii. 382) is ΙΕΡΑΠΟΛΕΙΤΩΝ ΝΕΩΚΟΡΩΝ. B. M., 127 (Pl. xxxi. 12; obverse Agrippina) is quite a different variety. The goddess is seated on a throne to l., holding ear of corn and poppy in r.

5. *Obv.*—Caracalla? Elagabalus?

Rev.—ΙΕΡΑΠΟΛΑ Ε l., ΙΤΩΝΝΕΩΚΟΡΩΝ r., ΩΝ in field r. Demeter advancing to r., holding lighted torches in r. hand behind, and in lowered l. hand. Flowing veil over head, the ends of which fall down over arms. Border of dots.

Berlin, 168 = *Kl. M.*, 34 [Pl. II. 23].

6. *Obv.*—Caracalla? Elagabalus?

Rev.—ΙΕΡΑΠΟΛΑ Ε l., ΩΝΝΕΩΚΟΡΩΝ r. Demeter standing l., ear of corn in r. hand, and leaning l. on lighted torch. Border of dots.

Berlin, 172 [Pl. II. 24], 173; *Inv. Wadd.*, 6163; cf. also Mionnet, iv. 629.

7. *Obv.*—Caracalla? or Elagabalus?

Rev.—ΙΕΡΑΠΟΛΕΙ Τ l., ΩΝΝΕΩΚΟΡΩ r., N in field l.
Similar. Border of dots.

Munich. *Inv. Wadd.*, 6194 (*obv.*, Caracalla or Elagabalus; *rev.*, Ι ΕΡΟΠΟ l., ΛΕΙΤΩΝ r. Demeter standing l., ear of corn in lowered r., leaning l. on a torch), is a coin of Hierapolis in Phrygia.

8. *Obv.*—Caracalla? Elagabalus?

Rev.—ΙΕ Ρ Α Η ΟΛΕΙ ΤΩΝ, in exergue ΝΕΩΚΟΡΩ / Ν.
Demeter standing r. in biga of winged serpents, holding flaring torches in r. hand behind, and in uplifted l. hand; flowing veil on head.
Border of dots.

Berlin, 170 [Pl. II. 25]. A second and similar specimen is Mionnet, *Suppl.*, vii. 393 (Demeter l.).

9. *Obv.*—Philippus I.

Rev.—ΙΕ ΡΑΠΟΛΕΙΤΩ Ν above. Demeter standing l. in biga of winged serpents, holding torches in uplifted r. and lowered l. hand. Border of dots.

Inv. Wadd., 6172 [Pl. II. 26]; cf. *Kl. M.*, 36.

Below the plateau on which Hierapolis is built lies the plain of the Lykos valley, the fertility of which renders it particularly adapted for the cultivation of cereals.

X. DIONYSOS.

1. *Obv.*—Bust of city-goddess, with turreted crown; shoulders draped.

Rev.—[ΙΕΡΑΠ]ΟΛ ΕΙΤΩΝ Dionysos, naked except for chlamys hanging over his arm, standing l., kantharos in r. hand, and l. on thyrsos; at his feet a panther l., looking back (upwards?).

Hunter, 2 = Mionnet, *Suppl.*, vii. 371.
Variant of B. M., 48 (reverses of the two from the same die?).

2. *Obv.*—Head of Dionysos, crowned with ivy, thyrsos in front. Border of dots.

Rev.—ΙΕΡΑΠΟΛ ΕΙΤΩΝ : Dionysos, naked except for chlamys, to front, head l., kantharos in r. over panther at his feet, l. hand on thyrsos. Border of dots.

B. M., 48. This type of Dionysos is frequent on Phrygian coins; cf. B. M. Index. The thyrsos alone, with taenia around it, is found on a coin of Hierapolis, B. M., 126 (*obv.* Agrippina). The volcanic soil of Hierapolis must have been peculiarly suited for viniculture.

3. *Obv.*—ΑΥΤ. ΑΙΑΙΟC. ΑΝΤΩΝΕΙΝΟC. Tête laurée d'Antonin le pieux.

Rev.—ΕΠΙ . . . ΙΕΡΑΠΟΛΕΙΤΩΝ Bacchus nu et debout, le cantharus d'une main, le thyrsos de l'autre.

Mionnet, iv. 621 (Cab. de M. Cousinery).

4. *Obv.*—ΑΥΤΚΜΑΥΡ l., ΑΝΤΩΝΕΙΝΟCCEB r. Bust of Caracalla, with cuirass and paludamentum.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚ r., in field l. ΟΡ ΩΝ Dionysos, naked except for cloak hanging from his shoulders, standing l., kantharos in lowered r. hand, l. on thyrsos. Border of dots.

Imhoof (present collection) [Pl. II. 27]; Mionnet, *Suppl.*, vii. 396.

XI. DOUBLE AXE.

1. *Obv.*—ΦΑΒΙΟC r., ΜΑΞΙΜΟC l., in straight lines; head of Fabius Maximus (pro-consul under Augustus, 5 B.C.).

Rev.—ΖΩΣΙΜΟC r., in straight lines, ΙΕΡΟΠΟΛΕΙΤΩΝ
ΦΙΛΟΠΑΤΡΙC ΧΑΡΑΞ

l. Double axe, the handle bound with taenia.

B. M., 93 (Pl. xxxi. 1), 94; Berlin, 106 (with duplicate); Copenhagen, 55; Munich, 19; also Paris, 582 (but with *obv.* Augustus: otherwise Χάριτες, p. 486).

2. *Obv.*—Nero.

Rev.—ΣΥΛΛΙΟΣ r., in straight lines, ΙΕΡΑΠΟΛΙΤΩΝ l.
ΑΝΤΙΟΧΟΣ

Double axe with serpent twined round handle.

B. M., 117; Berlin, 148 = Pinder und Friedlander, i. 83; Paris, 592 = Mionnet, iv. 616; Vienna, 32912; Imhoof (present collection). The legend on the reverse is confirmed by the Berlin and Paris specimens.

3. *Obv.*—Augustus.

Rev.—ΜΑΤΡΩΝ
ΑΠΟΛΛΩΝΙΟΥ r., in straight lines, ΙΕΡΑΠΟΛΙΤΩΝ l.

Double axe with serpent twined round handle, surmounted by head of Lairbenos r., radiate.

B. M., 106 (Pl. xxxi. 7); Berlin, 116 = *Arch. Zeit.*, 1847, 125; Berlin, 117 = *Kl. M.*, 22; *Inv. Wadd.*, 6140; Munich.

4. *Obv.*—ΝΕΡΩΝ l., ΚΑΙΣΑΡ r. Bust of Nero. Border of dots.

N.B.—The obverse of the Hague specimen is countermarked with the head of Lairbenos.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ l., Ρ(?)ΕΛΟΥΙΟΣ in straight lines
ΟΠΤΟΜΟΣ

r. Cornucopiae, with fruits and fillet, double axe in field behind. Border of dots.

Berlin, 150 = *Kl. M.*, 28; Berlin, 149 [Pl. II. 28] = *Gr. M.*, 739, 697; Vienna, 19874 = *N. Z.*, iv. 239; Hague. On types 1-4, cf. *Philolog.*, lxi. 192.

XII. ΗΕΚΑΤΕ.

Obv.—Elagabalus.

Rev.—ΙΕΡΑΠΟΛΕΙΤ; in field, ΩΝ l.; ΝΕΩΚ[ΟΡΩΝ] r.
Hekate triformis, with torches in hands. Border of dots.

Gotha = Mionnet, iv. 632 = Sestini, *Lettere*, tom. ix. p. 63.

XIII. HERAKLES.

1. *Obv.*—ΙΕΡΑΠΟΛΙΣ r. Bust of city-goddess with turreted crown; shoulders draped. Border of dots.

Rev.—No legend. Bearded Herakles standing naked to r., r. hand at back, l. resting on club covered by lion's skin. Border of dots.

Imhoof-Blumer (present collection) = do., *Z. griech. u. röm. Münzk.*, p. 152, 4, Pl. vi. 15 [Pl. II. 30].

2. *Obv.*—No legend. Bust of city-goddess with turreted crown; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Similar. Border of dots.

Berlin, 24 = *Kl. M.*, 7. The above example shows that the identification of the obverse type as Tyche, given there, is erroneous.

3. *Obv.*—(ΒΟΥΛΗ).

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Herakles, as before; the lion's skin is not well defined. Border of dots.

Inv. Wadd., 6124.

4. *Obv.*—No legend. Bust of city-goddess with turreted crown; shoulders draped.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Bearded Herakles standing l. naked, l. hand on club covered by lion's skin. Border of dots.

Gotha [Pl. II. 31].

5. *Obv.*—ΑΥ. Κ. Μ. ΑΥΡ. ΑΝΤΩΝΕΙΝΟC. CЄ. Buste de Caracalla lauré, avec une cuirasse sur la poitrine.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ. ΝΕΩΚΟΡΩΝ. Temple octostyle, dans l'entrée duquel est Hercule debout, la main droite posée sur sa massue.

Mionnet, *Suppl.*, vii. 395, from Pell., *Suppl.*, i. p. 37, Pl. ii. No. 6.

Herakles was worshipped in Hierapolis as the patron

deity of athletes; in this capacity he was called *Κρατερόφρων* (*Inscr.*, 46). Special games were instituted in his honour. The gymnasia, of which the town had two, were dedicated to him. Statues of the god are mentioned (*Inscr.*, 27).

XIV. HERO (STANDING).

1. *Obv.*—ΑΡΧΗΓΕ r., ΤΗΘ l. Bust of young Apollo-Lairbenos radiate; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠ r., ΟΛΕΙΤ ΩΝ l. Young Hero standing l., with cuirass or short chiton, branch, or wreath in outstretched r. hand, double axe and chlamys in l. Border of dots.

B. M., 23 (Pl. xxix. 8); Berlin, 34; Paris, 565 = Mionnet, iv. 585; Vienna, 33264.

2. *Obv.*—Similar.

Rev.—ΙΕΡΑΠ r., ΟΛΕΙΤΩ Ν l. Similar. Border of dots. Berlin, 35.

3. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩ Ν l. Similar. Border of dots. Berlin, 33.

4. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. Similar. Border of dots. Berlin, 36. Nos. 2-4 are variants of B. M., 23. The obverses of all four are from the same die.

5. *Obv.*—ΣΕΥC l., ΤΡΩΙOC r. Head of Zeus Troios bound with taenia. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩ Ν l. Young Hero, standing l., with cuirass; branch in r., in l. chlamys and double axe. Border of dots.

Inv. Wadd., 6090 (Pl. xvi. 17 [Pl. II. 32]). Variant of B. M., 41. Coin of about the time

of Hadrian (cf. *Kl. M.*, 12). The Hero is represented as beardless on this coin, while he is bearded on the following coins. Whether we ought to recognize in Nos. 5-7 the representation of an Emperor, as Imhoof supposes (cf. *Kl. M.*, 11, 12), is doubtful. On the obverse die, cf. under XXXII.

6. *Obv.*—ΣΕΥCΤΡΩ r., ΙΟC l. Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ ΛΕ l., Ι ΤΩΝΝΕΩ r., ΚΟΡ/ΩΝ in field l. and r. Similar. Border of dots.

B. M., 47 (Pl. xxx. 4); Berlin, 99 = *Kl. M.*, 12. The obverse from the same die as the obverse of *Kl. M.*, 13 (cf. above, I. 2).

7. *Obv.*—ΙΕΡΑCΥ l., ΝΚΛΗΤΟC r. Youthful bust of Senate, bareheaded; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ ΛΕ l., Ι ΤΩΝΝΕΩ r., ΚΟΡ/ΩΝ in field l. and r. Similar. Border of dots.

Berlin, 100 = *Kl. M.*, 11. Variant of B. M., 84. The reverse from the same die as No. 6. The coins of types Nos. 6 and 7 belong to the third century (cf. *Kl. M.*, 10).

8. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠ ΟΛΕΙ l., Τ ΩΝΝΕΩΚ r., ΟΡ Ω/Ν in field l. and r. Similar. Border of dots.

Inv. Wadd., 6130; Munich, 14. A second variant of B. M., 84.

9. *Obv.*—(ΔΗΜΟC).

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤ ΩΝ l. Similar. Border of dots.

Inv. Wadd., 6121.

9A. *Obv.*—ΔΗΜΟC r. Bust of young Demos, bareheaded; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩ Ν l. Similar. Border of dots.

Vienna, 33413. Variant of the preceding type.

10. *Obv.*—Augustus.

Rev.—ΜΕΝΙΣΚΟΣ/ΔΙΦΙΛΟΥ r., ΙΕΡΑΠΟΛΙΤΩΝ l., in field
r. $\overset{\circ}{\Gamma}$, l. $\cdot\Gamma$. Naked Hero standing l., cloak
over back, in r. hand a phiale, in l. double
axe.

Berlin, 118 = *KL. M.*, 23 ; Paris, 586 =
Mionnet, iv. 607 ; *Inv. Wadd.*, 6133 ; Copen-
hagen, 34 ; Vienna, 29945, 32390.

11. *Obv.*—Antoninus Pius.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩ Ν l. Young Hero standing
l., with short chiton or cuirass and shoes,
holding branch in r. hand, in l. double axe
and chlamys.

Copenhagen, 41. Variant of B. M., 133.

12. *Obv.*—Elagabalus.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩ l., ΝΝΕΩΚΟ r., ΡΩΝ in field l.
Naked Hero standing l., cloak on back ; in r.
hand fruits (?), and in l. double axe. Border
of dots.

Berlin, 176 ; Paris, 604. Cf. also under
Dionysos.

13. *Obv.*—Otacilia Severa.

Rev.—ΙΕΡΑΠ Ο l., ΑΕΙΤΩΝ r. Similar. Border of dots.

Inv. Wadd., 6180 [Pl. II. 33]. Is the
type on a unique coin of Hierapolis in the
B. M. (149, *obv.* Philip I) connected with this
Hero? : two naked (?) figures standing face to
face, each with mantle hanging behind him,
holding spear in l. and phiale in r. over
lighted altar between them. Cf. *Philolog.*,
lxix. 190.

XV. HERO (RIDING).

1. *Obv.*—ΣΕΥC l., ΒΩΣΙΟC r. Head of Zeus Bozios bound with taenia (?). Border of dots.
Rev.—ΙΕΡΑ below, ΠΟΛΕΙΤ l., Ω above, Ν r. Young Hero, riding to r., with fluttering chlamys, double axe on shoulder. Border of dots.
 B. M., 42 (Pl. xxx. 2); *Inv. Wadd.*, 6088 (Pl. xvi. 16); Copenhagen, 2; Dresden; cf. Mionnet, *Suppl.*, vii. 375.
2. *Obv.*—Similar.
Rev.—ΙΕΡΑΠΟΛΕΙΤ below and l., Ω above, Ν r. Similar. Border of dots.
 Berlin, 15 = *M. Gr.*, 401, 106; Munich, 7 [Pl. II. 34]; Vienna, 32809. Variant of B. M., 42. The obverses of both types are from the same die. Cf. Imhoof-Blumer, on *M. Gr.*, 401, 106; *Philolog.*, lxix. 236.
3. *Obv.*—ΔΗΜΟC r. Head of young Demos, laureate. Border of dots.
Rev.—ΙΕΡΑΠ l., Ο above, ΛΕΙΤΩΝ r. Similar. Border of dots.
 Berlin, 89; Vienna, 28725. Variant of B. M., 69.
4. *Obv.*—(ΔΗΜΟC).
Rev.—Ι Ε ΡΑΠΟΛΕΙΤΩ Ν r. Similar. Border of dots.
Inv. Wadd., 6117 [Pl. III. 35]. Variant of B. M., 69. For a further representation of this Hero, with Demos on the obverse, cf. Museo Nazionale (Naples), i. 8615.
5. *Obv.*—ΒΟΥΛΗ r. Bust of Boule, veiled and laureate. Border of dots.
Rev.—Ι Ε ΡΑΠΟΛΕΙΤΩΝ r. Similar. Border of dots.
 Berlin, 11; *Inv. Wadd.*, 6123 (Pl. xvi. 23); Vienna, 30838, 30910; Copenhagen, 14 (=Ramus, 2 = Mionnet, *Suppl.*, vii. 374). The reverses from the same die; cf. B. M., 77, 78 (Pl. xxx. 8); time of Caracalla.

6. *Obv.*—ΓΕΡΟ l., VCIA r. Bust of Gerosia, veiled and laureate. Border of dots.

Rev.—ΙΕΡΑ l., ΠΟΛΕΙΤ r., ΩΝ below. Similar. Border of dots.

Copenhagen, 13. Variant of B. M., 79 (Pl. xxx. 9), 80.

7. *Obv.*—ΓΕ l., ΡΟVCIA r. Similar. Border of dots.

Rev.—ΙΕΡΑ l., ΠΟΛΕΙΤ r., ΩΝ below. Similar. Border of dots.

Berlin, 82 [Pl. III. 36]; Gotha (*rev.*). Variant of B. M., 79, 80.

8. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠ l., Ο ΛΕΙΤΩ Ν r. Similar. Border of dots.

Berlin, 83, 84; Vienna, 30835, 19864; Paris, 573 (*rev.*) = Mionnet, iv. 592. Variant of B. M., 81. For further representations of this Hero with Gerosia on obverse, cf. Museo Nazionale (Naples), i. 8616; Leake, p. 66; *Suppl.*, p. 58.

The same Hero (riding) is frequently found on coins of the earlier Imperial period which also have magistrates' names. As these have already been collected in *Χάρτες*, pp. 485 ff., I shall only briefly detail the specimens concerned here again.

Obv.—Augustus. *Rev.*—ΧΑΡΩΠΙΔΗΣ ΣΩΣΤΡΑΤΟΥ.

Obv.—Claudius. *Rev.*—Μ. ΣΥΛΛΙΟΣ ΑΝΤΙΟΧΟΣ ΓΡΑ.

Obv.—Claudius. *Rev.*—Μ. ΣΥΛΛΙΟΣ ΑΝΤΙΟΧΟΣ.

Obv.—Nero. *Rev.*—ΧΑΡΗΣ Β ΠΑΠΙΑΣ.

Obv.—Nero. *Rev.*—ΠΕΡΕΙΤΑΣ · Β · ΓΡ.

Obv.—Nero. *Rev.*—ΤΙ · ΔΙΟΝΥΣΙΟΣ.

9. *Obv.*—M. Aurelius Caesar.

Rev.—ΙΕΡΑΠΟΛΕΙΤ ΩΝ r. Similar. Border of dots.

Berlin, 158 [Pl. III. 37]. Variant of B. M., 137 (Pl. xxxii. 1).

10. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛΕΙΤ r. and below, Ω Ν l. Similar. Border of dots.

Paris, 598 = Mionnet, iv. 622; Berlin, 159. Variant of B. M., 137 (Pl. xxxii. 1). In older descriptions (*e.g.* Mionnet, Leake, *Inv. Wadd.*, &c.), this riding Hero is wrongly described as an Amazon: cf. *Philolog.*, lxix. 236.

LEO WEBER.

(*To be continued.*)

VI.

THE COINS OF HIERAPOLIS IN PHRYGIA.

(Continued from p. 30.)

XVI. HYGIEIA (cf. ASKLEPIOS).

1. *Obv.*—ΛΑΙΡ l., ΒΗΝΟC r. Bust of Lairbenos radiate ; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕ l., ΙΤ ΩΝ r. Hygieia, wearing kalathos, seated on throne l., holding in r. phiale towards serpent erect before her, and resting l. arm on round cushion ; behind the goddess is Telesphoros to front on a stool or shelf. Border of dots.

B. M., 57 (Pl. xxx. 6) ; Paris, 570 ; Vienna, 19867 ; cf. also Mionnet, iv. 588–9, where the goddess is wrongly described as Kybele. On the distinguishing features in the representations of Hygieia and Kybele, cf. Imhoof-Blumer, *Kl. M.*, 8 ; *Philolog.*, lxix. 199.

2. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝ r. Hygieia, with Telesphoros, as before. Border of dots.

B. M., 58 ; Imhoof (present collection), *Kl. M.*, 8 (Pl. vii. 31) [Pl. III. 38].

3. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤ ΩΝ r. Similar. Border of dots.

Paris, 571 ; Vienna, 27707.

4. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕ l., ΙΤΩ Ν r. Similar. Border of dots.
Berlin, 67; Vienna, 19867; Gotha. The
obverses of Nos. 1-4 are from the same die.

5. *Obv.*—ΛΑΙΡ l., ΒΗΝΟC r. Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Hygieia with Telesphoros;
the throne has a low, barred back; Telesphoros standing in the air. Border of dots.

Berlin, 76. The obverse is from the same die as the alliance coins, with the figure of Lairbenos; cf. B. M., 59. The coin therefore belongs to the time of Philippus (cf. *Journ. intern. d'archéol. numism.*, xiv. 1912, p. 100). The figure of Telesphoros added in a quite schematic manner (cf. also *Kl. M.*, 9, 10) also points to this late period.

6. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. The same group as preceding, but not from the same die.

Berlin, 75; Paris, 571a; Gotha. The coins of this type belong to the time of Philippus, as their obverse dies are identical with those of 5.

7. *Obv.*—(ΛΑΙΡΒΗΝΟC).

Rev.—ΙΕ ΡΑΠΟ l., ΛΕΙΤΩΝ r. The same group; high back on the throne of Hygieia. Border of dots.

Copenhagen, 62. Two other specimens with similar types are *Kl. M.*, 9, 10 (of the third century). The type of Lairbenos on their obverses allocates them to Hierapolis, and it is the only place in Phrygia where he is found. On the form ΙΕΡΟΠΟΛΙC, cf. *Philolog.*, lxi. 232.

8. *Obv.*—ΙΕΡΑCΥ l., ΝΚΛΗΤΟC r. Bust of young Senate, bareheaded; shoulders draped. Border of dots.

Rev.—ΙΕ ΡΑΠΟΛ l., ΕΙΤΩΝΝΕΩΚ ΟΡ r. and below, ΩΝ in field l.; as before: Hygieia leaning l. arm on a cushion. Border of dots.

B. M., 86 ; Berlin, 74 ; Vienna, 27676. The coins belong to the third century, or, to be more exact, to the time of Philippus (cf. *Kl. M.*, 10). The alliance coins with the similar type of the Senate on the obverse (cf. *Journ. intern. d'archéol. numism.*, xiv. 1912, p. 100) are also of this period: the two groups have common dies (*e.g.* B. M. 83-89). So have Type II. 12; XIV. 7, 8, &c.

9. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛΕΙ l., ΤΩΝΝΕΩ κ r., OP in exergue, ΩΝ in field l. : as before. Border of dots.

Paris, 577 = Mionnet, iv. 597.

10. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝΝΕΩ κ r., OP in exergue, ΩΝ in field l. Similar. Border of dots.

Copenhagen, 26.

11. *Obv.*—Bust of Artemis, laureate; quiver on shoulder; branch before breast; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩ Ν r. : similar. Border of dots.

Berlin, 59, 60 [Pl. III. 39]; *Inv. Wadd.*, 6101.

12. *Obv.*—ΑΡΧΗΓΕ r., ΤΗΘ l. Bust of Apollo, lyre at breast; shoulders draped. Border of dots.

Rev.—ΙΕΡΑ r., [ΠΟΛΕΙΤ]ΩΝ l. Hygieia seated l. on high-backed throne, holding phiale to a serpent erect before her, and resting l. elbow on round cushion. Border of dots.

Inv. Wadd., 6104 [Pl. III. 40]. The obverse type, which occurs fairly frequently on the coins of the city, is always from the same die. Cf. B. M., 34 (46 is different); *Inv. Wadd.*, 6103, &c.; on another Archegetes type cf. XIV. 1-4.

13. *Obv.*—Otacilia Severa.

Rev.—ΙΕΡ ΑΠΟΛ Ι., ΕΙΤΩΝ r.: as before. Border of dots.

B. M., 153 (Pl. xxxii. 4), 154; Paris, 607 = Mionnet, iv. 644; Berlin, 187; cf. Mionnet, iv. 634 (*obv.* Elagabalus from Vaillant, *Num. Gr.*), 636 (*obv.* do.), 642 (*obv.* Philippus I?).

14. *Obv.*—Similar.

Rev.—ΙΕ ΡΑΠΟ Ι., ΑΕΙΤΩΝ r. Similar. Border of dots.
Vienna, 33669. Variant of the preceding type.

15. *Obv.*—Similar.

Rev.—ΙΕΡ Ι., ΑΠΟΛΕΙΤ r., ΩΝ in exergue. Similar.
Border of dots.
Berlin, 186.

16. *Obv.*—Crispina.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ Ι. Hygieia standing r., feeding a serpent. Border of dots.
Paris, 600a [Pl. III. 41]. On Hygieia at Hierapolis, see under Asklepios.

XVII. ISIS (cf. SARAPIS).

Obv.—ΔΗ Ι., ΜΟC r. Head of young Demos, with taenia. Border of dots.

Rev.—ΙΕΡΑΠΟ Ι., ΑΕΙΤΩΝ r. Isis standing l., holding sistrum in uplifted r. hand and situla in lowered l. Border of dots.

Berlin, 87 [Pl. III. 42].

XVIII. KYBELE.

1. *Obv.*—Trajan.

Rev.—ΙΕΡΑΠ[O] r., ΛΕΙΤΩΝ l. Kybele seated l. on throne, holding in r. phiale, leaning l. arm on cushion; lion at her feet. Border of dots.

B. M., 131; Berlin, 153; the *B.M. Cat.* describes the object on which her l. arm rests as a tympanum, but it is clearly a cushion. K. is represented as a goddess of healing, very like Hygieia, as the phiale also shows. The lion alone shows that it is Kybele who is here represented. Cf. also Imhoof-Blumer, *Kl. M.*, 8.

2. *Obv.*—Similar.

Rev.—ΙΕΡΑ r., ΠΟΛΕΙΤΩΝ l. Similar. Border of dots.
Copenhagen, 40. Variant of the preceding.

3. *Obv.*—M. Aurelius.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Kybele standing, with kalathos, to front, with her hands on the heads of two lions lying at her feet. Border of dots.

Museum Winterthur = Imhoof-Blumer, *Z. gr. u. röm. Münzk.*, p. 153, 8 (Pl. III. 43]. This Kybele type frequently appears on the coins of Asia Minor; cf. Imhoof-Blumer, *loc. cit.*

4. *Obv.*—Elagabalus.

Rev.—ΙΕΡΟΠΟ l., ΛΕΙΤΩΝ r. Kybele, as on 1 and 2. Border of dots.

Copenhagen, 57. For other coins with similar Kybele types, cf. *Philolog.*, lxi. 248. On coins of this class Kybele is represented as a goddess of healing, similar to Hygieia.

5. *Obv.*—ΑΥΤ ΚΑΙ ΜΑ[P] l., ΑΥ ΑΝΤΩΝΕΙΝ/ΟC r. Bust of Caracalla, bearded, in cuirass and paludamentum.

Rev.—ΙΕΡΟΠ l., ΟΛΕΙΤΩ r., N in exergue. Kybele seated l. between two lions, phiale in r., the fingers of the l. hand on tympanum (more correctly, cushion).

Imhoof-Blumer (present collection) = *Z. gr. u. röm. Münzk.*, p. 153. The coin which is there ascribed to Hieropolis ought probably to be attributed to the town on the Lykos.

6. *Obv.*—Severus Alexander.

Rev.—ΙΕΡΟΠΟΛΕΙΤΩΝ. Cybele assise entre deux lions, tenant dans la main droite une patère et dans la gauche le crotalum?

Mionnet, iv. 639 (from Vaillant, *Num. graeca*). The description is probably on the whole correct, as it is corroborated by a similar coin in Athens; only it is a cushion rather than a tympanum (crotalum) on which the goddess rests her l. arm.

XIX. ΜÊΝ.

1. *Obv.*—ΣΕΥC l., ΤΡΩΙOC r. Head of Zeus Troios, bound with taenia. Border of dots.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝ r. Μên with Phrygian cap, chiton, and cloak, standing l., placing the r. foot on a bull's head; in r. pine cone, l. on sceptre. Border of dots.

Berlin, 16 [Pl. III. 44]; Vienna, 19858. The type of the obverse differs from all other types of Zeus Troios.

2. *Obv.*—ΙΕΡΑ l., ΒΟΥΛΗ r. Bust of Boule, laureate and veiled. Border of dots.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝ r. Similar. Border of dots.

B. M., 90; Berlin, 95 [Pl. III. 45], 96. The type of the reverse differs from that of the preceding coin.

3. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑ ΠΟ l., Λ ΕΙΤΩΝ r. Similar. Border of dots.

B. M., 91; Berlin, 17. The obverses of types 2 and 3 are from the same die.

4. *Obv.*—ΝΕΩ l., ΚΟΡΩΝ r. Bust of city-goddess with turreted crown and veil. Border of dots.

Rev.—ΙΕΡΑΠ Ο l., ΛΕΙΤΩΝ r. Similar. Border of dots.
B. M., 92 ; Paris, 575.

5. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝ r. Similar. Border of dots.
Berlin, 98 ; Copenhagen, 22 ; Gotha ; Vienna, 19861 = Mionnet, iv. 603. The obverses are from the same die as the two preceding coins, the reverses as the specimens of No. 1.

- 5A. *Obv.*—ΔΗΜΟΣ. Tête jeune diadémée du Peuple.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ. Le dieu Lunus debout (*i.e.*, Mên), le pied gauche posé sur un rocher, tenant dans la main gauche une pomme de pin, la droite appuyée sur la haste.

Mionnet, iv. 594. The description is inaccurate, but this may be a distinct type.

6. *Obv.*—Caracalla (?) Elagabalus (?).

Rev.—ΙΕΡΑΠ ΟΛ l., ΕΙΤΩΝΝΕΩ r., in field Κ/Ο l., ΡΩΝ r. Similar. Border of dots.

B. M., 143, 144 ; Berlin, 175 ; cf. also Leake, p. 67.

7. *Obv.*—Elagabalus (?) Caracalla (?).

Rev.—ΙΕΡΑΠΟ ΛΕΙ l., ΤΩΝΝΕΩΚΟ r., ΡΩΝ in field r. Similar. Border of dots.

Gotha. Variant of the preceding.

On Mên in Hierapolis, cf. *Philolog.*, lxi. 193.

XX. MOPSOS AND TORREBOS.

Obv.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. Bust of Apollo with lyre at breast, shoulders draped. Border of dots.

Rev.—ΜΟΨΟΣ l., ΤΟΡΡΗΒΟΣ r. Mopsos and Torrebos standing face to face, youthful figures naked but for long mantle hanging down back. Mopsos to r., holding laurel branch in lowered r., leans l. on bow; Torrebos to l., holds on extended r. statue of a goddess (city-goddess with turreted crown?) and leans l. arm on a lyre which stands on a basis behind him. Border of dots.

B. M., 32 (Pl. xxix. 9); Berlin, 21 [Pl. III. 46] = *Kl. M.*, 5 (Pl. vii. 29); *Inv. Wadd.*, 6114. The specimen mentioned by Imhoof-Blumer (*loc. cit.*) as in the Laborde Coll. is probably identical with *Inv. Wadd.*, 6114.

That all these coins are from the same die may not only be assumed from the rarity of the type, but is confirmed by a comparison of the individual specimens. Imhoof-Blumer read the name on the specimen formerly in his collection and now in Berlin as ΤΟΡΡΗΒΟΣ, but a more careful examination of a cast of this coin and of one of the Paris specimen (in spite of its poor preservation), shows that on these two specimens the name is written with Β. In the light of this discovery we must correct the statement in *Philologus*, lxix. 195. The fourth specimen mentioned there (Head¹, 565) is of course the British Museum specimen. A representation of the two heroes is not found anywhere else on Phrygian coins. Whether one of the two, more probably Torrebos, had some special connexion with Hierapolis, cannot now be ascertained. For a "Lydian" legend of Torrebos, the reader is referred to *Philologus*, lxix. 196.

XXI. NEMESIS.

1. *Obv.*—Bust of Apollo-Lairbenos, radiate; shoulders draped. Border of dots.
Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Winged Nemesis standing l., with r. plucking chiton at breast, holding bridle in l. Border of dots.
 B. M., 18; Berlin, 29, 30; Paris, 561; *Inv. Wadd.*, 6105; Athens; Copenhagen, 4; Vienna, 30919; presumably also Leake, p. 66 (*obv.*, youthful radiate head to r.; *rev.*, winged female, standing to l.).
2. *Obv.*—Bust of Selene or Hekate, rising from crescent, with hair bound above and behind, and dress. Border of dots.
Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝ r. Similar. Border of dots.
 B. M., 19 (Pl. xxix. 7); Berlin, 52; *Inv. Wadd.*, 6099 (Pl. xvi. 19); Copenhagen, 6; Vienna, 33667.
3. *Obv.*—Similar. Border of dots.
Rev.—ΙΕΡΑΠΟΛΕ l., ΙΤΩΝ r. Similar. Border of dots.
 Berlin, 51 [Pl. III. 47]; Gotha; The Hague. Variant of the preceding type.
4. *Obv.*—Similar. Border of dots.
Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. Similar. Border of dots.
 Berlin, 53.
5. *Obv.*—Similar. Border of dots.
Rev.—ΙΕΡΑΠ r., ΟΛΕΙΤΩΝ l. Similar. Border of dots.
 Copenhagen. The obverses of Nos. 2–5 from the same die. Cf. also Mionnet, *Suppl.*, vii. 364.
6. *Obv.*—ΙΕΡΑΠΟ r., ΛΙC l. Bust of city-goddess with stephane; shoulders draped. Border of dots.
Rev.—ΙΕΡΑΠΟ l., [Λ]ΕΙΤΩΝ r. Winged Nemesis, standing r., as above. Border of dots.
 B. M., 20; *Inv. Wadd.*, 6116 (Pl. xvi. 22).

7. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠ 1., ΟΛΕΙΤΩΝ r. Winged Nemesis, standing r., as above. Border of dots.

Berlin, 9 [Pl. III. 48] = *Gr. M.*, 738, 692 (Pl. xii. 18). The obverses of Nos. 6 and 7 are from the same die.

8. *Obv.*—Head of bearded Herakles. Border of dots.

Rev.—ΙΕΡΑΠΟ 1., ΑΕΙΤΩΝ r. Winged Nemesis as in Nos. 1-5. Border of dots.

Paris, 562 = Mionnet, iv. 581; Berlin, 27, 28; Copenhagen, 3 = Ramus 4 (?); Vienna, 31399; cf. Leake, *Suppl.*, p. 58.

9. ΑΑΙΡ 1., ΒΗΝΟC r. Bust of Lairbenos radiate; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ 1., ΑΕΙΤΩΝ r. Winged Nemesis, standing l., scales in r., in l. cubit-rule, wheel behind her at feet. Border of dots.

B. M., 62; Berlin, 68 [Pl. III. 49]; Vienna, 19869. Time of Philippus; cf. No. 11.

10. *Obv.*—Otacilia Severa.

Rev.—ΙΕΡΑΠΟΛΕ 1., ΙΤΩΝ r. Nemesis, as on Nos. 1-5. Border of dots.

Munich. The reverse from the same die as type 3.

11. *Obv.*—ΜΙΟΥΛΦΙΛΙΠΠΟC · ΚΑΙ. Bust of Philippus the younger, not laureate, with cuirass and paludamentum. Border of dots.

Rev.—ΙΕΡΑΠΟ 1., ΑΕΙΤΩΝ r. From the same reverse die as No. 9.

St. Petersburg

XXII. NIKE

1. *Obv.*—BOY r, ΛΗ l. Bust of Boule, laureate and veiled.
Border of dots.

Rev—ΙΕΡΑΠ Ο l., ΛΕΙΤΩΝ r. Nike, advancing l., in l.
palm, wreath in uplifted r. hand. Border of
dots.

B. M., 76; *Inv. Wadd.*, 6122; Munich, 11.
Cf. also Mionnet, iv. 602.

2. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Similar. Border of dots.

Berlin, 93; Vienna, 31394. A later specimen,
of the time of Philip (Berlin, 92: *obv.* counter-
marked with a deity) has a similar reverse,
which is not, however, from the same die. The
obverses of both are from the same die.

XXIII. PLUTO.

1. *Obv.*—ΒΟΥΛΗ in straight line r. Bust of Boule with
stephane and veil.

Rev.—ΙΕΡΑΠΟΛΕΙ ΤΩΝ r. Rape of Persephone by
Pluto, driving to r. in quadriga with galloping
horses. Border of dots.

Vienna, 19873. The obverse from the same
die as II. 13.

2. *Obv.*—ΙΕΡΑΠΟ r., ΛΙC l. Bust of city-goddess with long
hair tied on top and behind; shoulders draped.

Rev.—ΙΕΡΑΠΟΛ below, [Ε]ΙΤΩΝ r. Rape of Persephone
by Pluto, holding a sceptre in l. and driving as
before.

Paris, 566 [Pl. III. 50].

3. *Obv.*—ΙΕΡΑΠΟΛΕΙ r., ΤΩΝ l. Head of young Dionysos,¹ bound with ivy. Border of dots.

Rev.—Rape of Persephone by Pluto, in fluttering chlamys, with sceptre in l., driving as before. Border of dots.

B. M., 38 (Pl. xxix. 12); Berlin, 18, 19;
Paris, 568 = Mionnet, iv. 586 = *Suppl.*, vii. 368;
Munich, 2; Copenhagen, 1 (= Ramus, 5);
Dresden; University of Bologna [Pl. III. 51].

4. *Obv.*—ΙΕΡΑCV l., ΝΚΛΗΤΟC r. Bust of young male Senate, laureate; shoulders draped. Border of dots.

Rev.—ΙΕΡΑ l., Π ΟΛΕ above, ΙΤΩΝ r., ΝΕΩΚΟ in exergue, ΡΩ in field r. Similar. Border of dots.

B. M., 87 (Pl. xxx. 10), 88; Berlin, 97.

5. *Obv.*—Nero.

Rev.—Μ. ΣΥΛΛΙΟC[ΑΝΤΙΟΧΟC] below and r., [ΙΕΡΑ]ΠΟΛΙ above and l., ΤΩΝ in field. Similar; but Pluto in biga.

Paris, 594.

6. *Obv.*—ΝΕΡΩΝ l., ΚΑΙCΑΡ r. Head of young Nero.

Rev.—ΙΕΡΑΠΟΛΕΙ ΤΩΝΑΛΕΡΤΗΣΝΕΩΤΕΡΟC. Similar. Imhoof-Blumer (present collection). The magistrate's name is probably the same as that incompletely preserved on a coin of Agrippina (B. M., 127. Cf. *Χάριτες*, p. 489).

7. *Obv.*—Nero.

Rev.—[Ρ ΕΛΟΥΙΟC (?)] ΟΠΤΟΜΟC ΙΕΡΑΠΟΛΕΙΤ ΩΝ. Similar.

Munich.

¹ *Obv.*—ΙΕΡΑΠΟΛΕΙΤΩΝ. Head of Apollo to r.

Rev.—Pluto in quadriga to r., carrying off Persephone.

Leake, *A Supplement to Numismata Hellenica*, p. 58. As this type has not been found elsewhere on coins of Hierapolis, Leake may have made a mistake. The head on the obverse is in all probability Dionysos.

8. *Obv.*—Caracalla.

Rev.—ΙΕ Ρ Ι., ΑΠΟ above, [ΛΕ] r., ΙΤΩΝΝΕΩΚΟ in ex-
ΡΩΝ
 ergue. Rape of Persephone as above; below
 the horses are a serpent and an overturned
 basket. Border of dots.

Berlin, 165 [Pl. IV. 52].

9. *Obv.*—Caracalla.

Rev.—ΙΕ Ρ Ι., Α ΠΟΛΕ above, [ΙΤΩΝ] r., ΝΕΩΚΟΡΩΝ in
 exergue. Rape of Persephone as above; under
 the horses an overturned basket and serpent;
 flowers in front.

Copenhagen, 44 (= Ramus, 8 = Mionnet,
Suppl., vii. 394).

10. *Obv.*—Otacilia Severa.

Rev.—ΙΕΡΑ above, ΠΟ r., ΛΕΙΤΩΝ in exergue. Similar,
 but without serpent, &c. Border of dots.

B. M., 155; Gotha.

In Phrygia we only find the rape of Persephone at Hierapolis. Its frequent occurrence as a coin-type here cannot, therefore, be purely accidental, and is explained by the Charoneion in the centre of the old town, in which the cult of Kybele also was localized, and to which the town owes its origin.

XXIV. POSEIDON.

1. *Obv.*—ΔΗΜΟC r. Head of Demos bearded, not laureate.
 Border of dots.

Rev.—ΙΕΡΟΠΟ Ι., ΛΕΙΤΩΝ r. Poseidon naked r., with l.
 foot on the prow of a ship (indistinct), and
 dolphin in lowered r. hand, the l. holding trident.
 Border of dots.

Copenhagen = Ramus, 7 (Pl. vii. 9) = Mionnet,
Suppl., vii. 372 [Pl. IV. 53].

The spelling with o is not an argument against the attribution to Hierapolis (cf. *Philolog.*, lxi. 232). In support of this Ramus quotes the coin described in Raschius, *Suppl. Lexici Nummarii*, tom. ii. p. 1392, ex Museo Wakiano, which is identical with the specimen mentioned by Gessner (see below). He also refers to Eckhel, *Doctr. Num. Vet.*, tom. iii. p. 158, who calls attention to a coin of Julia in Phrygia, on which Poseidon is similarly represented, and quotes Strabo's statement (xii. 579) that Poseidon was worshipped in the *Κατακεκαμένη*, which was particularly liable to be visited by earthquakes. Similar types are occasionally found on other Phrygian coins also; e.g. Aezanis, B. M., 48, 49; Apameia, B. M., 177. On the earthquake of the year 60 A.D., which totally destroyed Hierapolis along with Laodikeia and Kolossai, cf. *Χάριτες*, p. 473. Poseidon is represented on the above coin of the town as the earth-shaker, although the type is a quite conventional one.

2. *Obv.*—ΛΑΙΡΒΗΝΟC. Tête de Bacchus (rather Lair-benos).

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ. ΝΕΩΚΟΡΩΝ. Neptune debout, tenant un dauphin de la main droite et un trident de la gauche.

Gessner, *Numismata Graeca popul. et urbium*, p. 265 (ex museo Wakiano) = Mionnet, *Suppl.*, vii. 376. On this coin and on the following one the name is written in the usual way.

3. *Obv.*—Testa di Nettuno barbata e laureata a dr., con tridente sull' omero; sotto delfino.

Rev.—ΙΕΡΑΠΟΛ Diota.

Catalogo del Museo Nazionale di Napoli, Collezione Santangelo, p. 119, No. 11420. On the reverse type, cf. under X.

XXV. ROMA.

Obv.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ l. Bust of Apollo, with long hair tied behind and on top, with cloak; lyre at breast. Border of dots.

Rev.—ΘΕΑ r., ΡΩΜΗ l. Roma, helmeted, seated l. on a cuirass, against which leans a shield holding a statuette of Nike in outstretched r., l. on parazonium. Border of dots.

Inv. Wadd., 6115 [Pl. IV. 54]. The obverse similar to that of the coin published in *Χάριτες*, p. 484. A similar type of Roma (probably not Athena) occurs on coins of Laodikeia; cf. B. M., 213, 246–248.

XXVI. SARAPIS.

1. *Obv.*—Bust of bearded Sarapis, with modius; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ l. Zeus Laodikeios standing l., in long chiton and cloak; eagle in r., l. on sceptre. Border of dots.

B. M., 27; Berlin, 40, 41; Paris, 558 = Mionnet, iv. 578 [Pl. IV. 55]; Copenhagen, 10; Dresden; Vienna, 19857.

2. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΑΕΙΤΩΝ l. Similar. Border of dots.
B. M., 28.

3. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠ r., ΟΛΕΙΤΩΝ l. Similar. Border of dots.
Athens, 5906a; Hunter, 4 (ΙΕΡΑΠΟΛ/ΕΙΤΩΝ), is a variant of the three preceding types.

4. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝ r. Similar.
Berlin, 42.

5. *Obv.*—Similar.

Rev.—ΙΕΡ ΑΠ l., ΟΛΕΙΤΩΝ r. Similar. Border of dots.
N

Copenhagen, 66. The obverses of Nos. 1–5 are from the same die. The coin described by Leake, p. 66, belongs to one of these types.

6. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠ l., ΟΛΕΙΤΩΝ r. Isis standing l., holding sistrum in uplifted r. hand, and situla in lowered l. Border of dots.

Berlin, 44; Paris, 559; Vienna, 32310; Gotha. Very similar to these, but not from the same reverse die, are the following coins which are from the same dies: Berlin, 43; Copenhagen, 11; Athens, 755, 5906; cf. also B. M., 29–31. Mionnet, iv. 579, is a similar coin.

7. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΑΕΙΤΩΝ r. Similar. Border of dots.

Berlin, 45 [Pl. IV. 56], 46; Copenhagen, 12. The obverses of Nos. 6 and 7 are from the same die; two other specimens are known, Vienna, 29118, 29266 (from the same die?).

8. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑΠ Ο l., ΑΕΙΤΩΝ r. Similar. Border of dots.

Paris, 560.

9. *Obv.*—Similar. Border of dots.

Rev.—ΙΕΡΑ ΠΟ l., ΑΕΙΤΩΝ r. Similar. Border of dots.

Berlin, 47; Vienna, 19859. The obverses of Nos. 8 and 9 are from the same die.—The coins described by Leake, p. 66, and Lavy, i. 232, belong to varieties 6–9.

10. *Obv.*—Julia Maesa.

Rev.—Ι ΕΡΟΠ Ο Ι., ΑΕΙ r., ΝΩΤ in exergue. Sarapis with modius, seated l. on throne, r. hand on head of Cerberus at his feet, l. on sceptre; before him Isis, standing r., holding a sistrum in uplifted l., and situla in lowered r. Border of dots.

Copenhagen, 45; *Inv. Wadd.*, 6195 [Pl. IV. 57]; cf. also Mionnet, iv. 633 (*obv.* Elagabalus; *rev.* Sarapis); similarly represented, but alone; the description is hardly accurate.

11. *Obv.*—Sarapis. From the same die as the obverses of Nos. 6 and 7. Border of dots.

Rev.—ΙΕΡΑ Ι., ΠΟΛΕΙΤΩΝ r. Tyche, standing l., cornucopiae in l., r. hand on rudder. Border of dots.

Berlin, 48.

12. *Obv.*—Sarapis. From the same die as the obverses of Nos. 1–5. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕ Ι. and above, ΙΤΩΝ r., ΧΡΥΣΟ/ΡΟΑC in exergue. The bearded river-god Chrysoroas, upper part of body naked, seated l. on ground, poppy in r. hand, leaning l. arm on an overturned urn, out of which water flows. Border of dots.

Inv. Wadd., 6091 [Pl. IV. 58]; B. M. (acquired since Catalogue).

XXVII. TWINS.

1. *Obv.*—ΔΗ Ι., ΜΟC r. Head of young Demos, bound with taenia. Border of dots.

Rev.—Ι Ι., ΕΡΑ above, ΠΟ r., ΑΕΙΤΩΝ below (around). Two naked children seated opposite one another on the ground, playing with astragali. Border of dots.

Berlin, 88 = *Nomisma*, vi. p. 6, No. 14 [Pl. IV. 69]. These are probably the same twins as are represented being suckled by a she-wolf on other coins of the city (cf. XXX. below). A similar group is found several times on the coins of the city of Hypaipa: two naked children sitting opposite one another, playing with astragali, behind them a cultus statue of Artemis Anaitis (B. M., Lydia, 59, 60, 65, 70 (Pl. xii. 11).

2. *Obv.*—ΝΕΩΚΟ l., ΡΩΝ r. Bust of Sarapis with kalathos and robe.

Rev.—ΙΕΠΟ/ΡΑ (*sic*), in two lines above, ΑΕΙ r., ΤΩΝ in exergue. Similar.

Imhoof (present collection) = *Nomisma*, vi. p. 6; No. 15 (Pl. i. 15).

XXVIII. TYCHE.

1. *Obv.*—ΔΗ l., ΜΟC r. Head of young Demos, bound with taenia, with hair falling down at neck. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚΟΡΩΝ r. Tyche with kalathos, standing l., r. arm on rudder and cornucopiae in l. arm. Border of dots.

Berlin, 94 (*obv.* counter-marked: Zeus Laodikeios?); Munich, 10; Vienna, 33670.

2. *Obv.*—(ΔΗΜΟC).

Rev.—ΙΕΡΑΠ l., Ο ΑΕΙΤ ΩΝ r. Similar. Border of dots.

Inv. Wadd., 6119; cf. also Mionnet, iv. 593.

- 2A. *Obv.*—ΔΗΜΟC r. Head of young Demos, bound with taenia, hair falling down over neck. Border of dots.

Rev.—ΙΕΡΑΠΟ l., Α ΕΙΤΩΝ r. Similar. Border of dots.

Vienna, 33415, a variant of the preceding coin.

3. *Obv.*—(ΔΗΜΟΣ).

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Similar. Border of dots.

Inv. Wadd., 6120; Copenhagen, 20. The small coins of this type are quite different from the larger of the two preceding types. All three types are variants of B. M., 73-75; B. M., 46, is quite a different type of Tyche.

4. *Obv.*—ΙΕΡΑΚΥΝ r., ΚΛΗΤΟΣ l. Bust of young male Senate, bareheaded, with shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤΩΝ l. Similar: fruits and ribbons hanging from the cornucopiae, in the bend of which sits a little Plutos. Border of dots.

Berlin, 101.

5. *Obv.*—(ΙΕΡΑ ΚΥΝΚΛΗΤΟΣ). Apparently from the same die as the preceding obverse.

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Similar. Border of dots.

Copenhagen, 24. The coins of types 4 and 5 are variants of B. M., 83; their obverse type is rare on coins of Hierapolis.

6. *Obv.*—(ΙΕΡΑ ΚΥΝΚΛΗΤΟΣ).

Rev.—ΙΕΡΑΠΟ l., ΛΕΙΤΩΝ r. Similar, but with bunch of poppies in r. hand. Border of dots.

Paris, 578 = Mionnet, iv. 598 [Pl. IV. 61]. The obverse and reverse type differ remarkably from those of types 4 and 5. Leake, *Suppl.*, p. 58, is another specimen of types 4 to 6.

7. *Obv.*—ΛΑΙΡ l., ΒΗΝΟΣ r. Bust of Lairbenos, radiate; shoulders draped.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩ l., Ν ΝΕΩΚΟΡΩ r. Tyche, with kalathos, standing l., holding balance in r. hand and cornucopiae in l. arm, in the bend of which sits a little Plutos. Border of dots.

Inv. Wadd., 6108 [Pl. IV. 62]; Berlin, 69.

8. *Obv.*—Annia Faustina.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚΟΡΩ^N r. Tyche, with kalathos, standing l., holding phiale over lighted altar in r. hand, and cornucopiae in l., with Plutos as before. Border of dots.
Paris, 605. Variant of B. M., 146.

9. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚΟΡΩ^N r. Similar to the preceding, but not from the same die. Border of dots.

Inv. Wadd., 6166 [Pl. IV. 63]. A second variant of B. M., 146. B. M., 147, is another type.

10. *Obv.*—Caracalla (?), Elagabalus (?).

Rev.—ΙΕΡΑΠΟΛΕΙΤΩ l., Ν · ΝΕΩΚΟΡΩΝ r. Tyche, with kalathos, standing l., r. hand on rudder; in l. cornucopiae as before. Border of dots.
B. M., 139; Berlin, 174; Vienna, 30284.

11. *Obv.*—Caracalla (?), Elagabalus (?).

Rev.—ΙΕΡΑΠΟΛΕΙΤ l., ΩΝΝΕΩΚΟΡΩ^N r. Similar. Border of dots.

Inv. Wadd., 6164. Variant of B. M., 139.

12. *Obv.*—ΜΑΥΡΑΛΕΞΑΝΔΡΟΚΑΙϚ. Bust of Alexander Severus. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ l., ΝΕΩΚΟΡΩΝ r. Similar. Border of dots.
Vienna, 33672.

13. *Obv.*—Philippus Junior.

Rev.—ΙΕΡΑΠΟΛ l., ΕΙΤΩΝ r. Tyche, with kalathos, standing l., r. hand, holding two ears of corn

on rudder, in l. cornucopiae as before.
Border of dots.

B. M., 159, 160; Paris, 613 = Mionnet,
iv. 649; Copenhagen, 52; Vienna, 30631.

14. *Obv.*—ΜΑΡΚ ΩΤΑΚΙΛΙ., ΣΕΒΗΡΑ ΣΕΒ. Bust of Otacilia Severa.

Rev.—ΙΕΡΑΠΟ Ι., ΛΕΙΤΩΝ r. Tyche Panthea (Nike), standing, winged, with kalathos, facing r. with ears of corn on rudder, and in l. cornucopiae. Border of dots.

Berlin, 185 [Pl. IV. 64] = *Kl. M.*, 39 = *Nomisma*, vi. p. 19, No. 17 (Pl. ii. 15). On this type of Tyche, cf. Imhoof, *op. cit.*

15. *Obv.*—ΟΥΕΣΠΑΣΙΑΝΟΣ r., ΣΕΒΑΣΤΟΣ Ι. Laureate head of Vespasian.

Rev.—ΙΕΡΑΠΟΛΙΤΩΝ Ι., ΜΝ ΑΠΛΟΣ r. Tyche, standing l., holding ears of corn and poppy in lowered r. hand, cornucopiae in l. arm, serpent on l. at her feet.

Berlin, 151 = *Kl. M.*, 29. Imhoof-Blumer identifies, with some hesitation, the goddess as Demeter. The type combines the characteristic attributes of both deities: the ears of corn, poppy, and cornucopiae point to Tyche, and the serpent to Demeter (for further details see under Demeter). We, therefore, have a confusion of two types here, but the Tyche predominates in a marked degree.

16. *Obv.*—ΙΕΡΑΠΟΛΕΙ r., ΤΩΝ Ι. Head of young Dionysos, crowned with ivy. Border of dots.

Rev.—ΕΥΒΟ Ι., ΚΙΑ r. Eubosia, standing l., r. hand on rudder, cornucopiae in l. arm, with a little Plutos in its curve, grasping with his r. hand at the fruits hanging over the brim of the cornucopiae.

Munich, 1; Athens, 5905b; Berlin, 22; variant of B. M., 35-37 (Pl. xxix. 11);

Berlin, 23 (= *M. Gr.*, 401, 110). On the reverse of the latter the legend is ΕΥΠΟ/ΘΙΑ. Cf. also Museo Nazionale (Naples), i. 8619.

N.B.—Another type of this goddess is found on a coin of Isinda in *Parthia* (*Kl. M.*, p. 374, 5); in her right hand she holds a phiale, in left arm a cornucopiae, in which lies the infant Plutos (cf. Imhoof-Blumer, *ibid.*).

The goddess *Εὐπορία* is mentioned in an inscription of Hierapolis (No. 26). Cf. *Altentümer von Hierapolis*, pp. 76, 44. On the goddess and the various forms of her name, cf. Imhoof-Blumer, *M. Gr.*, *loc. cit.*, and also his *Lydische Studien*, pp. 108, 182; Waser, in Pauly-Wissowa, s.v. "Εὐπορία"; *Philolog.*, lxi. 237. In spite of the various forms of the name, there can be no doubt that she is one and the same goddess. She closely resembles Tyche in her nature.

17. *Obv.*—ΝΕ Ι., ΩΚΟΡΩΝ r. Head of bearded Herakles. Border of dots.

Rev.—Ι Ε Ι., ΡΑ above, ΠΟΛ r., ΕΙΤΩ in exergue, Ν above. Winged griffin r., wheel below. Border of dots.

Paris, 580a [*Pl. IV. 65*]; Gotha; Imhoof (present collection). That a reference to Tyche should be recognized in this type is shown by a coin of Hadrianopolis in Phrygia (*Kl. M.*, p. 233, 3; *obv.* Caracalla), on which a standing Tyche (not Nemesis) is represented with a wheel at her feet, and a winged griffin in front of her.

XXIX. VESSEL.

Obv.—Agrippina.

Rev.—[Χ]ΑΡΗΣ · Β · ΠΑΠΙΑΣ · Ι below and r., ΕΡΑΠΟΛΙΤ-
[ΩΝ]. Cup-shaped vessel on a high pillar,
palm-branch on l. and r.

Berlin, 142 [*Pl. II. 29*]. The type, which I am unable to explain, occurs only on this one coin.

XXX. WOLF.

1. *Obv.*—ΛΑΙΡ l., ΒΗΝΟC r. Bust of Lairbenos, radiate ; shoulders draped. Border of dots.
Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ above, ΝΕΩΚΟΡΩ/Ν in exergue. She-wolf l., suckling twins.
 Athens, 5905b [Pl. IV. 66].
2. *Obv.*—Similar.
Rev.—ΙΕΡΑΠΟΛΕΙΤΩ above, Ν in field above, ΝΕΩΚΟΡΩ/Ν in exergue. Similar. Border of dots.
Inv. Wadd., 6109. The obverses of Nos. 1 and 2 belong to the period before Philip, and are not from the same die as the obverse of the following coins, which belong to the time of Philip.
3. *Obv.*—Similar ; cf. note to No. 2.
Rev.—ΙΕΡΑΠΟΛΕΙΤ above, ΩΝ in exergue. Similar. Border of dots.
 B. M., 63, 64 ; Berlin, 77 ; Paris, 569 = Mionnet, iv. 587 ; Munich, 5 ; Vienna, 30849. The reverses are not all from the same die.
4. *Obv.*—Aquillia Severa.
Rev.—ΙΕΡΑΠΟΛΕΙΤΩ Ν above, ΝΕΩΚΟΡΩ/Ν in exergue. Similar. Border of dots.
Inv. Wadd., 6169. Variant of B. M., 145.
5. *Obv.*—Otacilia Severa.
Rev.—ΙΕΡΑΠΟΛΕΙΤΩΝ above, ΝΕΩΚΟΡΩ/Ν in exergue. Similar. Border of dots.
 Berlin, 188.
6. *Obv.*—Similar.
Rev.—ΙΕΡΑΠΟΛΕΙΤΩ above, Ν in exergue. Similar. Border of dots.
 Berlin, 189, 190.

The frequency of this type is explained by the fact

that the Lykos flowed past Hierapolis and joined with the Maiandros a little below the town. While the type on the coins is influenced by the Roman legend, we find the Lykos and Kapros represented on the coins of the neighbouring city in the form of a wolf and a bear.

XXXI. ZEUS LAODIKEIOS.

1. *Obv.*—ΙΕΡΑΠΟ r., ΛΙC l., in straight lines. Bust of city-goddess with stephane; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟΛΕΙ r., ΤΩΝ l., in straight lines. Zeus Laodikeios in long chiton and himation, standing l., holding eagle in r. hand, and leaning l. on sceptre. Border of dots.

Berlin, 8 [Pl. IV. 67]. Does the coin described by Mionnet, *Suppl.*, vii. 370, belong to this type?

2. *Obv.*—Bust of young Dionysos, crowned with ivy; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤ ΩΝ l. Similar. Border of dots.

B. M., 25, 26; Berlin, 20 [Pl. IV. 68]; Copenhagen, 23; Athens, 5906b; Gotha; Vienna, 19680; cf. also Mionnet, *Suppl.*, vii. 366; Museo Nazionale (Naples), i. 8621. The coin described by Leake, p. 66, probably also belongs to this type. The obverse, which he describes as "female head to r.," really represents Dionysos.

3. *Obv.*—Head of young Dionysos, crowned with ivy, thyrsos in front. Border of dots.

Rev.—ΙΕΡΑΠΟ r., ΛΕΙΤ ΩΝ l. Similar. Border of dots.

Paris, 563 = Mionnet, iv. 580. Both obverse and reverse differ from the preceding type.

4. *Obv.*—ΓΕ l., ΡΟΥCΙΑ r. Bust of Gerousia, laureate and veiled; shoulders draped. Border of dots.

Rev.—ΙΕΡΑΠΟ[Λ] l., ΕΙΤΩΝ r. Similar. Border of dots.

Vienna, 30852; *Inv. Wadd.*, 6126. Variant of B. M., 82.

5. *Obv.*—Nero.

Rev.—ΙΕΡΑ ΠΟΛΕΙ^M l., ΑΝΤΩΝΙΟΣ^M r., in straight lines.
ΤΩΝ ΚΑΛΟΣ

Similar. Border of dots.

B. M., 123 (Pl. xxxi. 10); Berlin, 143, 144 (cf. *Gr. M.*, 739, 696); Gotha; Munich. The reverses of these specimens are not from the same die. The coin in the Munich collection has been erroneously ascribed to M. Aurelius, in *Χάριτες*, p. 488.

6. *Obv.*—ΦΑΥCΤΕΙΝΑ r., CΕΒΑCΤΗ l. Bust of Faustina II.

Rev.—ΙΕΡΑ ΠΟ l., ΑΕΙΤΩΝ r. Similar.

B. M., 138; Vienna, 19877; Berlin, 160; *Inv. Wadd.*, 6157; Copenhagen, 43; Gotha. Berlin, 161, is similar but not from the same dies; Hunter, 9, is an eighth specimen; cf. also Mionnet, iv. 624.

7. *Obv.*—Similar.

Rev.—ΙΕΡΑΠΟΛΕΙ r., ΤΩΝ l. Similar.

Vienna, 19876. Variant of the preceding type; cf. also Leake, p. 66; *Suppl.*, p. 58.

8. *Obv.*—Head of bearded Herakles, without club. Border of dots.

Rev.—ΙΕΡΑΠΟ l., ΑΕΙΤΩΝ r. Eagle, with outspread wings facing, head l. Border of dots.

Berlin, 26; *Inv. Wadd.*, 6096. Variant of B. M., 53.

XXXII. ZEUS TROIOS.

Obv.—ΣΕΥC l., ΤΡΩΙOC r. Head of Zeus Troios, bound with taenia. Border of dots.

Rev.—ΙΕΡΑΠ r., ΟΛΕΙΤΩΝ l. Apollo Kitharodios in long chiton and cloak, standing r., holding lyre in l. hand and plektron in the r. hand. Border of dots.

Berlin, 13 = *Gr. M.*, 738, 693 (Pl. xii. 22) = *Z. f. N.*, ii. 107; *Inv.-Wald.*, 6089; Vienna, 32630 Variant of B. M., 39 (Pl. xxx. 1), 40; Berlin, 14 (with reverse ΙΕΡΑΠO r., ΛΕΙΤΩΝ l.). The obverses from the same die as XIV. 5. On the P, peculiar to the time of Hadrian, cf. Imhoof-Blumer, *op. cit.*

SUPPLEMENTARY NOTE.

Herr Imhoof-Blumer had sent me casts of a coin in his present collection, which is of importance for this article.

Obv.—ΑΥ · Κ · ΜΑΥΡΑΝ l., ΤΩΝΕΙΝOC r. Bust of the Emperor Caracalla, laureate, wearing cuirass, aegis at breast, from which rise two serpents. Border of dots.



Rev.—ΙΕΡΑΠO l., ΛΕΙΤΩΝ r., ΝΕΩΚΟΡΩ/N in exergue. Caracalla, head radiate, standing r., in military dress, leaning l. hand on sceptre, in r. holding patera over a lighted altar; opposite him is the city-goddess with mural crown, l. hand on sceptre, offering wreath to the Emperor with r. hand. Border of dots.

The reverse is from the same die as the Paris coin (No. 601 = Mionnet, iv. 617), published by me in *Χάριτες*, p. 479. As Imhoof's better preserved specimen shows, the goddess does not hold a palm in her left hand, but is leaning on a sceptre.

I had already pointed out (*op. cit.*) that this medallion was struck on the occasion of Caracalla's visit to Hierapolis, to express the gratitude of the city for the neokoria granted it on this occasion. The obverse of Imhoof-Blumer's specimen, however, has the portrait of Caracalla and a different legend (cf. the figure above) from the Paris specimen (cf. *op. cit.*, Pl. vii. 2). That it is a portrait of Caracalla is clear from a comparison with the obverse of the Berlin coin on Pl. vii. 1 (reverse, three temples) which is undoubtedly of this Emperor. The obverse of the Paris specimen cannot, therefore, as I had supposed, represent Caracalla; from its similarity to the obverse of Pl. vii. 4, I would rather suggest it represents Elagabalus. We thus have the same reverse type used under two Emperors (the Paris and Imhoof specimens are from the same reverse die). The reverse type might thus not be connected with the granting of neokoria to the town. But this type appears nowhere else on the coins of Hierapolis; it is, therefore, certainly right to connect it with some event of importance to the city, and this can only be the granting of neokoria. The difficulty is, in my opinion, best cleared up by supposing that the neokoria, granted in the first place to the city by Caracalla, was again confirmed by Elagabalus, and that the latter was not in any way the granting of a new grade of neokoria. The coins actually show that Hierapolis only possessed a singular neokoria.

INDEX OF TYPES.

(* Indicates that the type is of local importance)

Aktia, I.

Apollo Archegetes, III, XIV, XVI.

„ Kitharoedos, II, XX, XXV, XXXII.

* „ Lairbenos, cf. Laibenos.

Ares, II A.
Artemis, III, VIII, XVI.
Asklepios, IV.
Athena, V.
Boule, II, XIII, XV, XIX, XXII, XXIII.
*Bull, VI, VII.
Chrysoroas, V, VIII, XXVI.
City-goddess, IV, X, XIII, XIX, XXI, XXIII, XXXI, Suppl. note.
*Cornucopiae, XI.
Demeter, IX, XXVIII.
Demos, I, II, VIII, XIV, XV, XVII, XIX, XXIV, XXVII, XXVIII.
Dionysos, III, IV, IX, X, XXIII, XXIV, XXVIII, XXXI.
*Double-axe, XI.
Eagle, XXX.
Eubosia, XXVIII.
Gerousia, XV, XXXI.
Griffin, XXVIII.
Hekate, XII, XXI.
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Hermes, V.
*Hero (riding), XV.
* „ (standing), XIV.
Hygieia, IV, XVI.
Isis, XVII, XXVI.
Kybele, XVIII.
*Lairbenos (Apollo Lairbenos), II, VI, VII, IX, XI, XVI, XXI, XXIV, XXVIII, XXX.
Mên, XIX.
*Mopsos, XX.
Nemesis, IV, V, XXI.
Nike, XXII.
Persephone, XXIII.
Pluto, XXIII.
Poseidon, XXIV.
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 *Zeus Bozios, xv.
 „ Laodikeios, v, xxvi, xxxi.
 „ Troios, i, xiv, xix, xxxii.

LEO WEBER.

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ERRATA.

A certain number of errors have found their way into the spacing of the inscriptions in the first portion of this article, viz.:—

P. 3, I. 1. Rev. *Read* Ω NNEΩKOP, &c.
 P. 5, 4. Rev. *Read* ΙΕΡΟΠΟΛΕΙ(!)ΤΩΝ], &c.
 P. 7, 11. Rev., and p. 8, 14. Rev. *Read* Λ ΕΙΤΩΝ r., &c.
 P. 11, IV. 1. Rev. *Read* ΙΕΡΑΠΟΛΕ Ι l., &c.
 „ „ 3. Rev. *Read* ΙΤ ΩΝ r., &c.
 P. 14, 5. Rev. *Read* ΙΕΡΑ ΠΟ l., &c.
 P. 17, VIII. 1. Rev. *Read* ΙΕΡΑΠΟΛΙ(!)Τ ΩΝ, &c.
 P. 21, 8. Rev. *Read* ΙΕ ΡΑ Π ΟΛΕΙ ΤΩΝ, &c.
 P. 28, 4. Rev. *Read* Ι ΕΡΑΠΟΛΕΙΤΩ Ν, &c.



